FUJITSU

PRIMECENTER M1 Racks 16U/24U/42U

System configurator and order-information guide

December 2015

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Configuration and order process informations

This document contains technical background information for the installation of servers and components into the new PRIMECENTER M1 Racks.

Please use the latest version of System-Architect for configuration.
The System-Architect, a configuration tool with graphical user interface, enables you to gain an overview over the required configuration even while planning the system.
A simultaneous examination of consistence ensures completeness and functionality of the required system.

For the latest tools please go to:
http://extranet.fujitsu-siemens.com/fsc/products/configuration/main-e.htm

Further information in the internet see:
http://manuals.ts.fujitsu.com/file/10276/pcrm1-um-en.pdf (internet)
http://ts.fujitsu.com/products/standard_servers/rack_technology/index.html (internet)
https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/current/Pages/default.aspx (extranet)

With your rack order, please absolutely send the Rack-Architect picture and the filled-in cable plan.

Additionally to each rack-order the rack-check list has to be filled in, see:

http://configurator.ts.fujitsu.com/public/information/Rack-Checkliste.xls

Please send your desired configuration from the rack architekt and the form sheet for external connections and hard disk configurations with the respective order numbers additionally to your order in SAP.
You can e-mail it to the following address (.xls or .sar):

To: Fujitsu Technology Solutions GmbH
CL OM Zentral Functions
Konfig-Team

Tel no. +49 (0) 821 / 804-3362
e-mail: rack-check@ts.fujitsu.com

Rack assembly at customer site:
The 16U, 24U and 42 new PRIMECENTER M1 racks will be delivered fully equipped if the service **"rackmounting ex factory" (SNP:SY-F1647E301-P)** was ordered for each server and subsystem.
The on-site service has to be requested for power installation in racks for server installation at the customers site. This service is not included in the price of the rack.

Rack-configurations with systems in asymmetrical PCR M1 - 700mm x 1050mm

S26361-K827-V120

Fujitsu PCR M1 724A
(PRIMECENTER Rack M1 24U)
Basic cabinet (1,203mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Asymmetrical large basic cabinet with 740mm post distance.

Mounting frame 2x 2U vertical.
Outlets for external cabling, cable outlets to below, and one rear door.
Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 1203 x 700 x 1050 mm
including:
- installation preparation
- packing/shock-pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

S26361-K827-V140

Fujitsu PCR M1 742A
(PRIMECENTER Rack M1 42 U)
Basic cabinet (2,003 mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Asymmetrical large basic cabinet with 740mm post distance.

Mounting frame 3x 2U vertical.
Outlets for external cabling, cable outlets to the top, below, and one rear door.
Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 2003 x 700 x 1050 mm
including:
- installation preparation
- packing/shock pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

To avoid order problems, please send along the picture of the system-architect.

A

Front mounting frame left - asymmetrical.

This mounting frame allows vertical installation of 19" components; e.g. 6x1U in 42U or 4x1U in 24U with a depth less than 300 mm incl. cabling and less 3.5kg per height unit.
For sideward mounting you can use e.g. console switches, rack management systems etc.
Mounting brackets must come with the components.

Free space has to be filled with dummy panels.

Rack Options PCR M1 - S26361-...

...F4530-L210 Tilting Protection Pull Out PCR M1
Must be ordered with the rack
if teleskopic rails are used!
No mounting ex factory - loose delivery!

...-F4530-L250 Brush Panel Kit (2pcs) Top Cover PCR M1 42U (release in 08/2011)

...-F4530-L260 Brush Panel Kit Rear Door PCR M1 (release in 09/2011)

...-F4530-L6 Earthing Kit PCR M1

...-F4530-L131 Dummy panel 1U plast. Bk

...-F4530-L132 Dummy panel 2U plast. Bk

Rack Options PCR M1 - Support Brackets

For horizontal mounting of 19-inch rack systems, an asymmetrical rack requires support brackets (depending on weight and height of mounted system) to compensate the asymmetric post.
Please have a look to system configurator.

Rack Options PCR M1 - S26361-

Other rack options used for PRIMECENTER S2 racks also, please look to sektion B "Accessories"

Mounting lateral CM S26361-F2735-E7/L7
not possible in high unit 16, 24 or 42
Highest start position for 2U systems:
HU14, 22 or 40 in asymmetrical racks.

Rack-configurations with systems in symmetrical PCR M1 - 700mm x 1050mm

S26361-K827-V220

Fujitsu PCR M1 724S
(PRIMECENTER Rack M1 24U)
Basic cabinet (1,203mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Symmetrical large basic cabinet with 740mm post distance.
2 vertical mounting frames 19" 1U, 1 each left/right from horiz. 19" area.
Outlets for external cabling, cable outlet to below, and one rear door.
Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 1203 x 700 x 1050 mm
including:
- installation preparation
- packing/shock-pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

S26361-K827-V240

Fujitsu PCR M1 742S
(PRIMECENTER Rack M1 42 U)
Basic cabinet (2,003 mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Symmetrical large basic cabinet with 740mm post distance.
4 vertical mounting frames 19" 1U, 2 each left/right from horiz. 19" area.
Outlets for external cabling, cable outlet to the top, below, and one rear door.
Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 2003 x 700 x 1050 mm
including:
- installation preparation
- packing/shock pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

To avoid order problems, please send along the picture of the system-architect.

A

Front mounting frame left - symmetrical.

This mounting frame allows vertical installation of 19" components; e.g. 4x1U in 42U or 2x1U in 24U with a depth less than 300 mm incl. cabeling and less 3.5kg per height unit, left or right from 19" area.
For sideward mounting left or right side you can use e.g. console switches, rack management systems etc.
Mounting brackets must come with the components.

Free space has to be filled with dummy panels.

Rack Options PCR M1 - S26361-…

...F4530-L210 Tilting Protection Pull Out PCR M1
Must be ordered with the rack
if teleskopic rails are used!
No mounting ex factory - loose delivery!

...-F4530-L250 Brush Panel Kit (2pcs) Top Cover PCR M1 42U

...-F4530-L260 Brush Panel Kit Rear Door PCR M1

...-F4530-L6 Earthing Kit PCR M1

...-F4530-L131 Dummy panel 1U plast. Bk

...-F4530-L132 Dummy panel 2U plast. Bk

Rack Options PCR M1 - S26361-

Other rack options used for PRIMECENTER racks please look to sektion B "Accessories"

Rack-configurations with systems in symmetrical PCR M1 - 600mm x 1050mm

S26361-K827-V310

Fujitsu PCR M1 616S
(PRIMECENTER Rack M1 16U)
Basic cabinet (842mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Symmetrical large basic cabinet with 740mm post distance.

Outlets for external cabling, cable outlet to below, and one rear door.

Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 847 x 600 x 1050 mm
including:
- installation preparation
- packing/shock-pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

S26361-K827-V320

Fujitsu PCR M1 624S
(PRIMECENTER Rack M1 24U)
Basic cabinet (1,203mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Symmetrical large basic cabinet with 740mm post distance.

Outlets for external cabling, cable outlet to below, and one rear door.

Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 1203 x 600 x 1050 mm
including:
- installation preparation
- packing/shock-pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

S26361-K827-V340

Fujitsu PCR M1 642S
(PRIMECENTER Rack M1 42 U)
Basic cabinet (2,003 mm) according to protection type IP20 with side panels, front- and twin back-door lockable.
Symmetrical large basic cabinet with 740mm post distance.

Outlets for external cabling, cable outlet to the top, below, and one rear door.

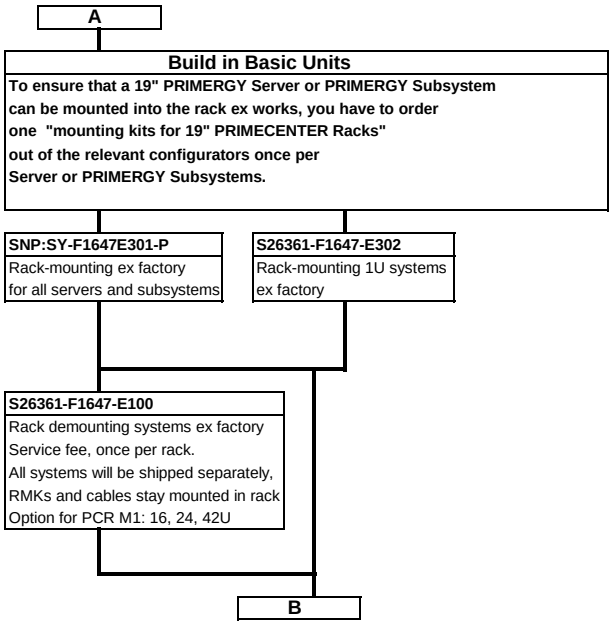
Addition of several racks without accessory, no personal variation.
Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts).
HxWxD = 2003 x 600 x 1050 mm
including:
- installation preparation
- packing/shock pallet
- accessory pack including:
Accessory pack with various installation material
Manual German / English

To avoid order problems, please send along the picture of the system-architect.

A

Rack Options PCR M1 - S26361-…
...F4530-L210 Tilting Protection Pull Out PCR M1 **Must be ordered with the rack** **if teleskopic rails are used!** **No mounting ex factory - loose delivery!**
...-F4530-L250 Brush Panel Kit (2pcs) Top Cover PCR M1 42U
...-F4530-L260 Brush Panel Kit Rear Door PCR M1
...-F4530-L6 Earthing Kit PCR M1
...-F4530-L131 Dummy panel 1U plast. Bk ...-F4530-L132 Dummy panel 2U plast. Bk

Rack Options PCR M1 - S26361-
Other rack options used for PRIMECENTER S2 racks also, please look to sektion B "Accessories"


A
Build in Basic Units
To ensure that a 19" PRIMERGY Server or PRIMERGY Subsystem
can be mounted into the rack ex works, you have to order
one "mounting kits for 19" PRIMECENTER Racks"
out of the relevant configurators once per
Server or PRIMERGY Subsystems.
SNP:SY-F1647E301-P
Rack-mounting ex factory
for all servers and subsystems
S26361-F1647-E302
Rack-mounting 1U systems
ex factory
S26361-F1647-E100
Rack demounting systems ex factory
Service fee, once per rack.
All systems will be shipped separately,
RMKs and cables stay mounted in rack
Option for PCR M1: 16, 24, 42U
B

For PRIMERGY Servers equal or higher than S4 generation, RMK's and cable management can be ordered as options. Please see related system configurators!

For easier transportation racks above 250kg can be delivered without installed systems. Service fee S26361-F1647-E100 has to be ordered once per rack.

This service has to be ordered once per installable server/ storage subsystem, in order to get the server / storage subsystem mounted into the PRIMECENTER rack.

For servers or storage subsystems to be installed on customer site into an **asymmetrical PRIMECENTER rack** for each system an **adapter angle** has to be ordered according to size and weight of the 19" component:
S26361-F2735-L10 for systems up to 15kg / max. 2U
S26361-F2735-L15 for systems up to 35kg / max. 5U
S26361-F2735-L31 or systems up to 50kg / max. 5U

Depending on rail type choose a suitable cable management for usage with telescopic rails

B Rack Accessories

S26361-F4530-E6
Earthing Kit PCR M1 + ass.
for earthing of cabinet, accessories and doors according to VDE 0100 part 540. Cabels to connect all conductive parts to the designated points are included.
Erarthing set is optional and is according to the standard not necessary.
max. 1x per rack

S26361-F4530-L6
Earthing Kit PCR M1
As loose delivery to upgrade at the customer.
Earthing connectors are already available in the rack.

S26361-F4530-E131
Dummy panel plast. Bk, 1 U + assembly

S26361-F4530-E132
Dummy panel plast. Bk, 2 U + assembly

The dummy panels can also be used for vertical mounting frames

S26361-F4530-L13*
for bulk ware orders

S26361-F4530-E100
Device base plate, 680mm deep, 1U fix mounted, fixing possible top or bottom, incl. dummy panel;
kit for PCR-/ 3rd party racks

S26361-F4530-L100
For add-on components, which comes additionally in the rack.
Please notice necessary high units!

S26361-F2735-E20
Cable carrying tray for asym. PC Racks additional tray for sidewise routing and filing of cable bulks

S26361-F2735-L20
For sidewise filing of cable bulks
only for asymmetrical PRIMECENTER racks, no U needed

S26361-F2735-E25
Cable carrying plate 1U with dust cover installation horizontal and vertically possible

S26361-F2735-L25
In order to route cables into a rack from front to rear of the rack also suitable for patch panels

S26361-F2201-L20
Orderable as an option.
Cable arm solution for 2U servers or higher for PRIMECENTER or 3rd party racks.
Not usable for Drop-in-RMKs with CMA adapter.

S26361-F2735-L8
1U cable arm, hauled
As loose delivery to upgrade at the customer.
Not usable for Drop-in-RMKs with CMA adapter.

see register general rack accessories also

C

C **Rack Console (Keyboard, Mouse, Monitor)**

S26361-K1387-V100
Rack console RC25 (1U)
17" TFT monitor with slide-in
incl. keyboard DE/INT with touchpad,
(Layout in german and US english)
and RMK D/P/3rd P Racks telescopic rails
Depth-variable from 708-786mm +/-2mm
connection KB/Touchpad over PS/2 (2x)
or USB (1x optional) is supported.
VGA-/ PS2-and USB-cable, part of
delivery (3m)

Country spezific version of RC25
German / US Englisch
S26361-K1387-V100 RC25 1U TFT, KB GE/US
US, Englisch
S26361-K1387-V200 RC25 1U TFT, KB US
US, Russian (Cyrillic)
S26361-K1387-V250 RC25 1U TFT, KB US RU
UK, Englisch
S26361-K1387-V300 RC25 1U TFT, KB UK
Turkish
S26361-K1387-V350 RC25 1U TFT, KB TR
French
S26361-K1387-V400 RC25 1U TFT, KB F
Spanish
S26361-K1387-V500 RC25 1U TFT, KB E
Italian
S26361-K1387-V600 RC25 1U TFT, KB I
Portuguese
S26361-K1387-V650 RC25 1U TFT, KB PT
Danish
S26361-K1387-V700 RC25 1U TFT, KB DK
Swedish
S26361-K1387-V750 RC25 1U TFT, KB SW
Belgian
S26361-K1387-V800 RC25 1U TFT, KB B

D

T26139-Y1742- L10
Grey power cord 1,8m for RC25
only for direct deliverys
to USA / CAN.

New global analog KVM s3
switches can be mounted behind
RC25 in order to save rack space
refer to KVM section

D Global KVM S3 / S4 switches

Analogue KVM S3 Switches

S26361-F4473-E601
Console Switch KVM s3-1601
16-port with OSD, multi-platformable
1x local, 0x IP, 1U, cascadable
for connecting 16 servers to a monitor and a keyboard with an integrated touchpad or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB, PS/2
- 19" fixture (Installation horizontal and vertically possible)
- User manual in englisch

for the connection of 16 servers in the Non Blocking Mode or cascaded with other switches in Blocking Mode. (Cascading with S* series is permitted.)
There are one local consoles in the rack connectablly.
Occupies 1U in the Rack

S26361-F4473-E801
Console Switch KVM s3-0801
8-port with OSD, multi-platformable
1x local, 0x IP, 1U, cascadable
for connecting 8 servers to a monitor and a keyboard with an integrated touchpad or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB, PS/2
- 19" fixture (Installation horizontal and vertically possible)
- User manual in englisch

for the connection of 8 servers in the Non Blocking Mode or cascaded with other switches in Blocking Mode. (Cascading with S* series is permitted.)
There are one local console in the rack connectablly.
Occupies 1U in the Rack

S26361-F4473-L801
S26361-F4473-L601
for single order of the KVM s3- switch series

T26139-Y1742- L10
Grey power cord 1,8m for KVM Switch. Only for direct deliverys to USA / CAN.

S26361-F4473-E691
Console Switch KVM s3-1601
for integration behind RC25
Occupies 0U in the Rack
max. 1x per rack

S26361-F4473-E891
Console Switch KVM s3-0801
for integration behind RC25
Occupies 0U in the Rack
max. 1x per rack

S26361-F4473-L25
Integration kit RC25
plus standard -L number of KVM switch for RC25 integration; same switch but 0U

S26361-F4473-E25
Integration kit RC25

Digital KVM S4 over IP Switches

S26361-K1393-V8
Console Switch KVM s4-0812 VM
8-port with OBWI, multi-platformable
1x local, 2x IP, 1U, cascadable
for connecting 8 servers to a monitor and a keyboard with an integrated touchpad or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB or PS/2
- KVM s4-Client SW for remote access over LAN, is included in the scope of supply.
- 16 bit video compression
- Virtual Media support via USB 2.0
  all USB 2.0 media released for PRIMERGY server are allowed, local or remote including USB boot
  KVM s3 USB2.0 adapter must be used
- LDAP support
- 19" fixture (Installation horizontally and vertical possible)
- User manual in EN, DE, JP, SP, IT, FR

for the connection of 8 servers in the Non Blocking Mode or cascaded with other switches in Blocking Mode. (Cascading with Sx series is permitted.)
Please provide LAN connection with 100/1000
KVM data are digitized and will be available over LAN.
A local console is likewise connectable.
Simultaneously use of both access options

S26361-K1393-V16
Console Switch KVM s4-1622 VM
16-port with OBWI, multi-platformable
2x local, 2x IP, 1U, cascadable
for connecting 16 servers to a monitor and a keyboard with an integrated touchpad or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB or PS/2
- KVM s4-Client SW for remote access over LAN, is included in the scope of supply.
- 16 bit video compression
- Virtual Media support via USB 2.0
  all USB 2.0 media released for PRIMERGY server are allowed, local or remote including USB boot
  KVM s3 USB2.0 adapter must be used
- LDAP support
- 19" fixture (Installation horizontally and vertical possible)
- User manual in EN, DE, JP, SP, IT, FR

for the connection of 16 servers in the Non Blocking Mode or cascaded with other switches in Blocking Mode. (Cascading with Sx series is permitted.)
Please provide LAN connection with 100/1000
KVM data are digitized and will be available over LAN.
A local console is likewise connectable.
Simultaneously use of both access options

S26361-K1393-V32
Console Switch KVM s4-3242 VM
32-port with OBWI, multi-platformable
2x local, 4x IP, 1U, cascadable
for connecting 32 servers to a monitor and a keyboard with an integrated touchpad or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB or PS/2
- KVM s4-Client SW for remote access over LAN, is included in the scope of supply.
- 16 bit video compression
- Virtual Media support via USB 2.0
  all USB 2.0 media released for PRIMERGY server are allowed, local or remote including USB boot
  KVM s3 USB2.0 adapter must be used
- LDAP support
- 19" fixture (Installation horizontally and vertical possible)
- User manual in EN, DE, JP, SP, IT, FR

for the connection of 32 servers in the Non Blocking Mode or cascaded with other switches in Blocking Mode. (Cascading with Sx series is permitted.)
Please provide LAN connection with 100/1000
KVM data are digitized and will be available over LAN.
A local console is likewise connectable.
Simultaneously use of both access options

Cascading of KVM s2 /s3 and KVM s4- switche series is generally possible, whereby the KVM s3 switches must always be at the end of the cascade with s2 switches.
KVM s4-3242/1622/0812 on top of KVM s3-1601/-0801
KVM s4-3242/1622/0812 on top of KVM s2-1602/-0801
KVM s3-1601/0801 on top of KVM s3-1601/-0801
KVM s3-1601/0801 on top of KVM s2-1602/-0801

Cascading of the KVM S2 switches among themselves will be done only with the help of a UTP CAT 5 cable (ARI-port) (S26361-F2293-E501)

For cascading with analoge S3 switches the KVM S2-adapters and the UTP CAT 5 cables (blue, RJ45) are used. These are to be ordered 1x per switch which will be cascaded.

E

E KVM Sx adapters and cables

KVM adapter w/o integrated CAT5 cable, to be ordered together with adapter

max. 32x

S26361-F2293-E201
KVM S2 adapter PS/2-VGA
2x PS/2 - VGA (Server connection)
to UTP CAT 5 at the KVM S2-Switch)
Connection from the mouse-/KB-/Video-Port of the server and by CAT 5 cable to the KVM Sx-switch. UTP CAT 5 cable 1x for each adapter is to order additionally.
1x per server

S26361-F2293-E202
KVM S2 adapter USB-VGA
1x USB - VGA (Server connection)
to UTP CAT 5 at the KVM S2-Switch)
Connection from the mouse-/KB-/Video-Port of the server and by CAT 5 cable to the KVM Sx-switch. UTP CAT 5 cable 1x for each adapter is to order additionally.
1x per server

S26361-F2293-E203
KVM S3 adapter USB2.0-VGA VM
1x USB - VGA (Server connection)
to UTP CAT 5 at the KVM S2-Switch)
Connection from the mouse-/KB-/Video-Port of the server and by CAT 5 cable to the KVM S3-switch. UTP CAT 5 cable 1x for each adapter is to order additionally.
1x per server

S26361-F4473-E241
KVM s4 adapter true serial-VGA
1x serial - (serial device connection)
to UTP CAT 5 at the KVM s4-Switch)
Connection from the serial device-Port of the serial device and by CAT 5 cable to the KVM s4-switch. UTP CAT 5 cable 1x for each adapter is to order additionally.
1x per server

S26361-F4473-E240
KVM s4 adapter USB2.0-VGA VM&CAC
1x USB - VGA (Server connection)
to UTP CAT 5 at the KVM s4-Switch)
Connection from the mouse-/KB-/Video-Port of the server and by CAT 5 cable to the KVM s4-switch. UTP CAT 5 cable 1x for each adapter is to order additionally.
1x per server

S26361-F2293-E501
UTP CAT 5 cable (blue, RJ45)
the length is customized and
is accordingly inserted.
Connection cable between KVM S2-Switch and the CAT 5 port of the KVM S2-adapters
1x per adapter

S26361-F2293-E203
The KVM s3 USB2.0-VGA adpater has to be ordered for each server which shall be configured for virtual media. Can be used with all KVM Sx switches, but VM is only working with S3 switch and s3 client SW Not to be used with PRIMEPOWER and Servers without composite USB 2.0 support. For USB boot the server BIOS must support USB boot.
Virtual Media is not released for PRIMEPOWER

For the cabling of a PRIMECENTER Rack the length of the adapter set is customized in order to offer the best possible cable management. The number of cables have to be ordered according to the number of servers which have to be connected.

For the supplementory order of KVM S2-Switches can be ordered the following cable length of the UTP CAT 5 of cable (blue, RJ45) loosely. The appropriate KVM S2-adapter is to be ordered likewise .
S26361-F2293-L20 with **2m** lenght or
S26361-F2293-L50 with **5m** lenght or
S26361-F2293-L10 with **10m** lenght.
1x per server / adapter

S26361-F2293-L201
S26361-F2293-L202
S26361-F2293-L203
for single order of the KVM S2-adapter PS/2-VGA and USB-VGA

S26361-F4473-E241
S26361-F4473-E240
for single order of the KVM s4-adapter serial and USB2.0-VGA VM

KVM adapter w/ integrated CAT5 cable

max 16x

S26361-F4473-E225
KVM s3 SMB adapter USB-VGA 2,1m
1x USB - VGA (Server connection)
to UTP CAT 5 at the KVM s3-s4-Switch
Connection from the mouse-/KB-/Video-Port of the server with integrated CAT 5 cable to the KVM Sx-switch. UTP CAT 5 cable integrated with 2,14m lengths
1x per server

S26361-F4473-E230
KVM s3 SMB adapter USB-VGA 3m
1x USB - VGA (Server connection)
to UTP CAT 5 at the KVM s3-s4-Switch
Connection from the mouse-/KB-/Video-Port of the server with integrated CAT 5 cable to the KVM Sx-switch. UTP CAT 5 cable integrated with 3m lengths
1x per server

These USB SMB type of adapter already includes a CAT5 cable
FW flash update not possible

S26361-F4473-E225
S26361-F4473-E230
for single order of the KVM s3- SMB adapter USB-VGA w/ CAT5 cable

F

F

Within the basic units of PRIMECENTER racks, are no power outlets integrated.
It is possible to order such power outlets as follows (1- or 3- phase power outlet), or the connections to the mains can be done via an UPS. In case there is no 16A CEE plug choosen (1-phase solutions is with an 16A CEE plug, while it is choosable with the 3-phase solution), the connection to the mains (line) has to be done as an fix connectionfrom an certified electrician according to the existing regulations.
The maximum current load for each phase may not exceed 16amp (with fixed connection, CEE and safety socket), for each Euro socket connector may 10A not be exceeded.

3-phase power socket outlet 3~240 volt / 16 A

I

S26361-F2262-E31
3-phase permanent connection
with 3x8 (24) IEC320 C13 socjekts
12x dual pairs,
different colours per phase
+ 4m cable with 16A CEE (IEC 309)
red plug

1-phase power socket outlet 1~240 volt / 16A

Horizontally mounting in symmetrical PRIMECENTER M1 Racks

II

S26361-F2262-E40
1-phase connection with 10 Euro socket connectors, 4m cable connected with 16A CEE 1-phase plug blue colour

as soon as available

S26361-F2262-E411
1-phase permanent connection with 2x12 IEC320 C13 Euro socket connectors, 3m cable with NEMA L6-30 plug only for **USA / CAN**

New as substitute

SNP:SY-F1903E2-P
Multiple socket outlet 4x peripherals + 1 x safety plug as extension, with safety plug at the connection cable (3m in length)
max. 2x per rack *)

III

*) Consider the power rating!

Extension of the 1/3 phase connection possibilities

SNP:SY-F1903E1-P
Expansion 3 safety sockets (D) as extension, with 10A Euro socket connector at the connection cable (1,5m in length)
1x per phase of the socket strip **I + II**

SNP:SY-F1903E2-P
Multiple socket outlet 4x peripherals + 1 x safety plug as extension, with safety plug at the connection cable (3m in length)
1x per phase of the socket strip **I**

Order numbers for bulk delivery
S26361-F2262-L31
S26361-F2262-L40
S26361-F2262-L41
SNP:SY-F1903L1-P
SNP:SY-F1903L2-P

4

Max. number of socket strips: **(*1)**

S26361-F2262-E31 max. per rack **(*1)**
4x 42 U rack
2x 24 U rack

S26361-F2262-E40 **S26361-F2262-E45** max. per rack **(*1)**
8x 42 U rack
4x 24 U rack
2x 16 U rack

SNP:SY-F1903E2-P max. per rack **(*1)**
the Inrush current must not be more than 3,5mA
2x 42 U rack
2x 24 U rack
2x 16 U rack

max. socket strips might depend on rack type asym.or symm. and width (700/600mm); for max. no. of socket strips horizontal mounting with 1x S26361-4530-E301/L301 (needs 3U) is required:
see rack manual for details.

http://manuals.ts.fujitsu.com/file/10276/pcrm1-um-en.pdf

G

G Power Socket Outlets

Within the basic units of PRIMECENTER racks, are no power outlets integrated.
It is possible to order such power outlets as follows (1- or 3- phase power outlet), or the connections to the mains can be done via an UPS. The maximum current load for each phase may not exceed 32amp (IEC309, CEE plugs).
For each Euro socket connector IEC320 C14 may 10A and for IEC320 C20 may 16A not be exceeded.

3-phase power socket outlet 3~240 volt / 32 A

Horizontally mounting in symmetrical PRIMECENTER M1 Racks

S26361-F2262-E332
3-phase permanent connection
with 3x3 (9) IEC320 C19 sockets
plus 3x2 (6) IEC320 C13 sockets
different colours per phase
secured by either 16A or 10A circuit breakers
+ 4m cable with 32A CEE (IEC 309) red plug

1-phase power socket outlet 1~240 volt / 32A

Horizontally mounting in symmetrical PRIMECENTER M1 Racks

S26361-F2262-E132
1-phase connection
with 3 IEC320 C19 sockets and 16A circuit breaker
plus 2 IEC320 C13 sockets and 10A circuit breaker
+ 4m cable with 32A CEE (IEC 309) blue plug
incl. support brackets for 19" vertical mounting

S26361-F2262-E45
1-phase connection with 8
Euro socket connectors, 4m
cable connected with 32A
CEE 1-phase (big) plug blue colour
Note: recommended for server > 1200 W

Order numbers for bulk delivery
S26361-F2262-L332
S26361-F2262-L132
S26361-F2262-L45
S26361-F2262-L301

Horizontally mounting in symmetrical 600 mm PRIMECENTER M1 Racks

Extension of the 1/3 phase connection possibilities

SNP:SY-F1903E1-P
Expansion 3 safety sockets (D)
as extension, with 10A Euro socket
connector at the connection cable
(1,5m in length)
1x per phase of the socket strip **I + II**

SNP:SY-F1903E2-P
Multiple socket outlet 4x peripherals +
1 x safety plug as extension, with
safety plug at the connection
cable (3m in length)
1x per phase of the socket strip **I**

Horizontally mounting in symmetrical 600 mm PRIMECENTER M1 Racks

Max. number of socket strips for **vertical** mounting:

S26361-F2262-E132
max. per rack
4x 42 U rack
2x 24 U rack
1x 16 U rack
horizontal mounting only via
new designed Rackmount kit
S26361-F2735-E320 / E330
Socket strip RMK 2U / 3U horizontal

S26361-F2262-E332
max. per rack
4x 42 U rack
1x 24 U rack
0x 16 U rack
horizontal mounting only via
new designed Rackmount kit
S26361-F2735-E320 / E330
Socket strip RMK 2U / 3U horizontal

S26361-F2735-E320
mounting kit for horizontal mounting in a Rack
can carry up to **2 PDU`s E332 o**r as max.
as a max. configuration **4x PDU's E132**
As a mixed configuration the customer
is able to configure **2x E132 and 1x E332**
incl. 2x1U cover, support bracket, **occupies 2U**

S26361-F2735-E330
mounting kit for horizontal mounting in a Rack
can carry up to **2 PDU`s E332** or as max.
as a max. configuration **4x PDU's E132**
As a mixed configuration the customer
is able to configure **2x E132 and 1x E332**
incl. 2x1U cover, support bracket, **occupies 3U**
1U cables tray underneath included for better
storage of overlength cables

S26361-F2735-E330 horizontal mounting ocupies 3U
S26361-F2735-E320 horizontal mounting ocupies 2U
this the RMK must be ordered for rear mountig,
a support bracket is needed as well for asym. racks.

H

H

Configurations see UPS configurator

Uninterruptible power supply for 220 V

Further information to the connection configurations and the orderable APC on-line / line Interactive UPS combinations as well as reference to the estimation of the power demand of the UPS you will find in the UPS configurator. Here only the power connection possibilities of the servers are described to the UPS's.

Attention! This UPS does not support 110V - connection

S26361-F2735-E15
Adapter angle 150 kg

For bulk delivery
S26361-F2262-L42
SNP:SY-F1903L1-P

Extension of the UPS connection possibilities

S26361-F2262-E42
1-phase power outlet with
10x periheral plugs
+ 2m cable with 16A IEC 320 C20
Only for connection to electrical outlets (16 A IEC 320C19) of the 3000 VA / 5000 VA UPSs.
It expands the number of usable power outlets.

SNP:SY-F1903E1-P
Multiple socket outlet, 3x safety plug as extension with peripheral power connector at the connection cable (1,5m in length)
1x per UPS

Only for 8kVA and 10kVA to use the hardwire connectivity of the UP
S26361-K915-V80 and S26361-K915-V100

S26361-F2262-E500
UPS PDU 50A 2U,6x16A+4x10A IEC320
Power distribution unit for UPS hard wire output
For APC Online UPS and Runtime expansion modules
occupies 2U in racks

S26361-F2735-E131
Dummy panel plastics, 2 U + assembly
S26361-F2735-L15
adapter angle up to 150KG

S26361-F2262-L500
UPS PDU 50A 2U,6x16A+4x10A IEC320
Loose delivery
Conection at customer side has to be done by an electrician.
PDU will be connected when ordered together with the UPS and an PRIMECENTER Rack ex factory

UPS configurator

Power connection sockets to the APC UPS for servers:

Line Interactive

1500 VA UPS
4x euro sockets -C13 (10A)

3000 VA UPS
8x euro sockets -C13 (10A)
1x euro socket -C19 (16A)

5000 VA UPS
8x euro sockets -C13 (10A)
2x euro sockets -C19 (16A)

Online

3000 / 5000 VA UPS
8x euro sockets -C13 (10A)
2x euro sockets -C19 (16A)

8000 / 10000 VA UPS
4x euro sockets -C13 (10A)
4x euro sockets -C19 (16A)
Terminal block fixed connection

UPS connections expandable through:

End of PRIMECENTER M1 19-inch Rack

I

10/40 GbE Twinax Cabling

TWINAX-Cabling with virtual SFP+ modules

Virtual SFP+ modules	Used in	Supported cables	Comment
V:TWX CONNECTOR BR (Brocade)	Ext. Switch VDX 6740 **S26361-K1540-V24/48/64/100**	S26361-F3873-E500	Brocade customized
		S26361-F3873-L501	Brocade 1m
		S26361-F3873-L503	Brocade 3m
	Ext. Switch Brocade 8000 **EBR800**	S26361-F3873-L505	Brocade 5m
		S26361-F5317-E400	Brocade customized
	Ext. Switch ICX 6450 **S26361-K1477-V110/111**	S26361-F5317-L401	Brocade 1m
		S26361-F5317-L403	Brocade 3m
		S26361-F5317-L405	Brocade 5m
	Ext. Switch ICX 6610 **S26361-K1490-V100/110/200/210**		
		EBRTWX11, 18	Brocade 1m (Pack)
		EBRTWX31, 38	Brocade 3m (Pack)
		EBRTWX51, 58	Brocade 5m (Pack)
V:TWX CONNECTOR CI (Cisco)	CB FEX B22F **S26361-K1440-V100 / V300**	S26361-F4571-E500	Cisco customized
		S26361-F4571-L101	Cisco 1m
		S26361-F4571-L103	Cisco 3m
		S26361-F4571-L105	Cisco 5m
		S26361-F4571-L107	Cisco 7m
		S26361-F4571-L110	Cisco 10m
V:TWX CONNECTOR PY (Fujitsu)	CB SB11 **S26361-K1304-V101 / V301**	S26361-F3989-E600	FJ customized
		S26361-F3989-L102	FJ 2m
		S26361-F3989-L105	FJ 5m
	CB SBAX3 **S26361-K1533-V100 / V300**	S26361-F3989-L110	FJ 10m
		S26361-F3873-E500	Brocade customized
		S26361-F3873-L501	Brocade 1m
	10GB LAN controller D2755 **S26361-F3629-E2 / E202 / E702**	S26361-F3873-L503	Brocade 3m
		S26361-F3873-L505	Brocade 5m
		S26361-F4571-E500	Cisco customized
	10Gb CNA OCe10102 **S26361-F3592-E2 / E202**	S26361-F4571-L101	Cisco 1m
		S26361-F4571-L103	Cisco 3m
		S26361-F4571-L105	Cisco 5m
		S26361-F4571-L107	Cisco 7m
		S26361-F4571-L110	Cisco 10m
		S26361-F5317-E400	Brocade customized
		S26361-F5317-L401	Brocade 1m
		S26361-F5317-L403	Brocade 3m
		S26361-F5317-L405	Brocade 5m
		EBRTWX11, 18	Brocade 1m (Pack)
		EBRTWX31, 38	Brocade 3m (Pack)
		EBRTWX51, 58	Brocade 5m (Pack)
V:TWX CONNECTOR SP	CB SBAX2 **S26361-K1304-V200 / V303**	S26361-F3989-E600	FJ customized
		S26361-F3989-L102	FJ 2m
		S26361-F3989-L105	FJ 5m
	CB Ethernet Pass Thru **S26361-K1365-V18 / V318**	S26361-F3989-L110	FJ 10m
		S26361-F3873-E500	Brocade customized
		S26361-F3873-L501	Brocade 1m
		S26361-F3873-L503	Brocade 3m
		S26361-F3873-L505	Brocade 5m
		S26361-F5317-E400	Brocade customized
		S26361-F5317-L401	Brocade 1m
		S26361-F5317-L403	Brocade 3m
		S26361-F5317-L405	Brocade 5m
		EBRTWX11, 18	Brocade 1m (Pack)
		EBRTWX31, 38	Brocade 3m (Pack)
		EBRTWX51, 58	Brocade 5m (Pack)
V:TWX CONNECTOR-40 (40GbE Fujitsu)	CB SBAX3 **S26361-K1533-V100 / V300** CFX2000 **S26361-K1534-V100**	S26361-F3986-E400	FJ customized
		S26361-F3986-L402	Fujitsu 2m
		S26361-F3986-L405	Fujitsu 5m
		S26361-F3986-L410	Fujitsu 10m
V:TWX CONNECTOR-BR40 (40GbE Brocade)	Ext. Switch VDX 6740/6740T **S26361-K1540-V***	S26361-F5317-E40	Brocade customized
		S26361-F5317-L41	Brocade 1m
		S26361-F5317-L43	Brocade 3m
		S26361-F5317-L45	Brocade 5m
		S26361-F5317-E400	Brocade customized
		S26361-F5317-L401	Brocade 1m
		S26361-F5317-L403	Brocade 3m
		S26361-F5317-L405	Brocade 5m

Product number	*Connector*	*Description*
V:TWX CONNECTOR-BR	FC TWX 10G connector BR	Twinax Connector Brocade
V:TWX CONNECTOR CI	FC TWX 10G connector CI	Twinax Connector Cisco
V:TWX CONNECTOR PY	FC TWX 10G connector PY	Twinax Connector Primergy
V:TWX CONNECTOR SP	FC TWX 10G connector SBAX	Twinax Connector SBAX2 und PassThru
V:TWX CONNECTOR-40	FC TWX 40G connector PY	Twinax Connector 40GbE SBAX3
V:TWX CONNECTOR-BR40	FC TWX 40G connector BR	Twinax Connector 40GbE Brocade

Rack-specified Twinax-cable for graphical Cabling within the PRIMECENTER M1 Rack:

S26361-F3873-E500	SFP+ activ Twinax Cable Brocade custom	2x FC TWX 10G connector BR
S26361-F3989-E600	SFP+ aktives Twinax Kabel kundenspez.	2x FC TWX 10G connector PY
S26361-F4571-E500	SFP+ passive Twinax Kabel Cisco custom	2x FC TWX 10G connector CI
S26361-F3986-E400	QSFP+ aktives Twinax Kabel kundenspez.	2x FC TWX 40G connector PY
S26361-F5317-E40	QSFP+ aktives Twinax Kabel BR kundenspez.	2x LAN TWX 40G connector BR
S26361-F5317-E400	QSFP+/4xSFP+ Breakout Kabel Brocade cust	4x/1x LAN TWX 10/40G connector BR

Add. Twinax-cable for graphical cabling outside the PRIMECENTER M1 Rack (between racks):

EBR800-TWX-1M-L	SFP+ active Twinax cable BRCD 1m UPG	2x FC TWX 10G connector BR
EBR800-TWX-3M-L	SFP+ active Twinax cable BRCD 3m UPG	2x FC TWX 10G connector BR
EBR800-TWX-5M-L	SFP+ active Twinax cable BRCD 5m UPG	2x FC TWX 10G connector BR

In Addition the optional configurable Twinax-cable options (also for graphical cabling in systemarchitect usable!)
(to find under chapter "Hardware – Options" of the Blade system units BX900S2 and BX400S1)

S26361-F3873-L501	Brocade 1m
S26361-F3873-L503	Brocade 3m
S26361-F3873-L505	Brocade 5m
S26361-F4571-L101	Cisco 1m
S26361-F4571-L103	Cisco 3m
S26361-F4571-L105	Cisco 5m
S26361-F4571-L107	Cisco 7m
S26361-F4571-L110	Cisco 10m
S26361-F3989-L102	FJ 2m
S26361-F3989-L105	FJ 5m
S26361-F3989-L110	FJ 10m
S26361-F5317-L41	Brocade 40G 1m
S26361-F5317-L43	Brocade 40G 3m
S26361-F5317-L45	Brocade 40G 5m
S26361-F5317-L401	Brocade 1m
S26361-F5317-L403	Brocade 3m
S26361-F5317-L405	Brocade 5m

J IB Switch Configuration

InfiniBand Switch Mellanox

S26361-K1413-V136
InfiniBand Switch 36-port 40GB
36 ports with QSFP connectos
up to 40Gb/s per port
Quad Data Rate (QDR)
Fully non blocking architecture
mount on rear side of the rack
2U, 1x PSU installed

S26361-F4526-E10
Redundant PSU for QDR IB Switch
450W Power Supply
max. 1x per QDR IB Switch

S26361-F3996-E500
InfiniBand Cu Cable 40Gb
QSFP, 1 or 3m, customised
max. 36x per QDR IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly
For IB cabling ex works an customized IB Cable
S26361-F3996-E500 will be used (for rackserver in rack)

S26361-K1431-V36
InfiniBand Switch 36-port 56GB
36 ports with QSFP connectos
up to 56Gb/s per port
Fourteen Data Rate (FDR)
Fully non blocking architecture
mount on rear side of the rack
2U, 1x PSU installed

S26361-F4557-E10
Redundant PSU for FDR IB Switch
300W Power Supply
max. 1x per FDR IB Switch

S26361-F3996-E556
InfiniBand Cu Cable 56Gb
QSFP, 1 or 3m, customised
max. 36x per FDR IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly
For IB cabling ex works an customized IB Cable
S26361-F3996-E556 will be used (for rackserver in rack)

S26361-K1560-V10
IB Switch 36 port 100Gb Managed FA
36 ports with QSFP connectos
up to 100Gb/s per port
Enhanced Data Rate (EDR)
Fully non blocking architecture
mount on rear side of the rack
1U, 2x PSU installed

as soon as available
S26361-F5549-E561
InfiniBand Cu Cable 100Gb
QSFP, 1m
max. 36x per FDR IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly
Copper cable are also available for loose delivery as
S26361-F5549-L561, QSFP, 100Gb, 1m
S26361-F5549-L563, QSFP, 100Gb, 3m

as soon as available
S26361-F5549-E563
InfiniBand Cu Cable 100Gb
QSFP, 3m
max. 36x per FDR IB Switch

S26361-K1560-V20
IB Switch 36 port 100Gb unmanaged FA
36 ports with QSFP connectos
up to 100Gb/s per port
Enhanced Data Rate (EDR)
Fully non blocking architecture
mount on rear side of the rack
1U, 2x PSU installed

as soon as available
S26361-F5549-E561
InfiniBand Cu Cable 100Gb
QSFP, 1m
max. 36x per FDR IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly
Copper cable are also available for loose delivery as
S26361-F5549-L561, QSFP, 100Gb, 1m
S26361-F5549-L563, QSFP, 100Gb, 3m

as soon as available
S26361-F5549-E563
InfiniBand Cu Cable 100Gb
QSFP, 3m
max. 36x per FDR IB Switch

InfiniBand Switch Intel

S26361-K1413-V236
IB-12300 Switch 36 port 40Gb
36 ports with QSFP connectors
up to 40Gb/s per port
Quad Data Rate (QDR)
mount on rear side of the rack
2U, 2x PSU/FAN unit installed

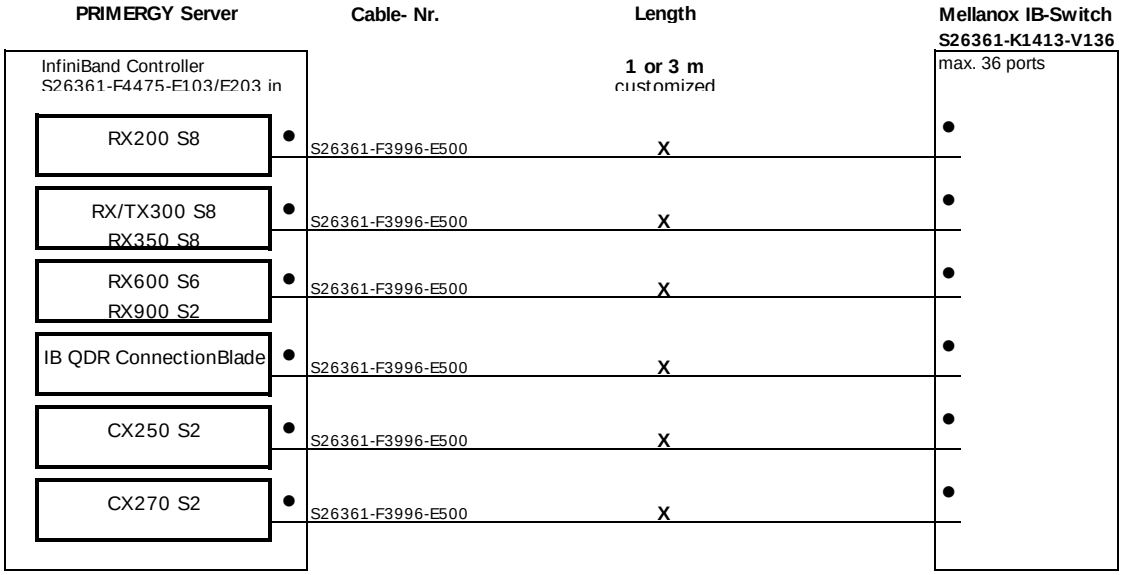
S26361-F3996-E203
Intel IB Cu Cable 40Gb
QSFP, 3m
max. 36x per QDR IB Switch

S26361-F3996-E210
Intel IB FO Cable 40Gb
QSFP, 10m
max. 36x per QDR IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly

End of PRIMECENTER M1 19-inch Rack

Mellanox 40Gb IB-Cabling for QDR HCA 40Gb



● InfiniBand QSFP (connector in SA 1x with E103) and to other -F4475-E103

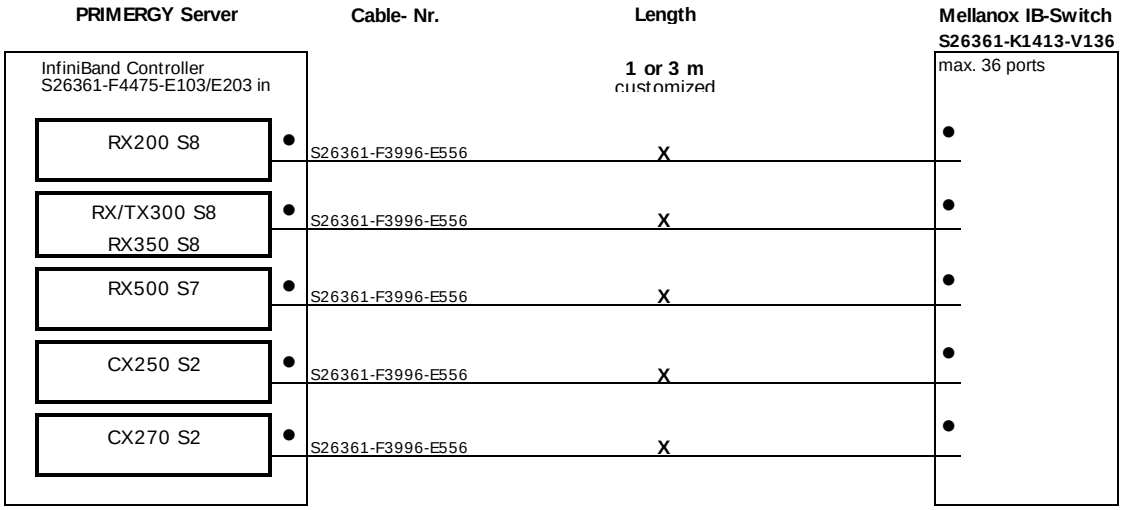
InfiniBand Cu cable 40Gb, customized, order number: S26361-F3996-E500 (for cabling in SA)
InfiniBand Cu cable 40Gb, l= 1m, Order-number: S26361-F3996-L101 (for loose delivery of the IB cable)
InfiniBand Cu cable 40Gb, l= 3m, Order-number: S26361-F3996-L103 (for loose delivery of the IB cable)

Additional informations about cabling

Other Informations about IB cabling / controller releases, see the respective configurator

Please use also the above mentioned selection of 1m and 3m IB Cu cable for the rack-spreading IB-cabling.

Mellanox 56Gb IB-Cabling for QDR HCA 40Gb enhanced



● InfiniBand QSFP (connector in SA, 1x with E103 and 2x with E203) and to other -F4475-E103/E203

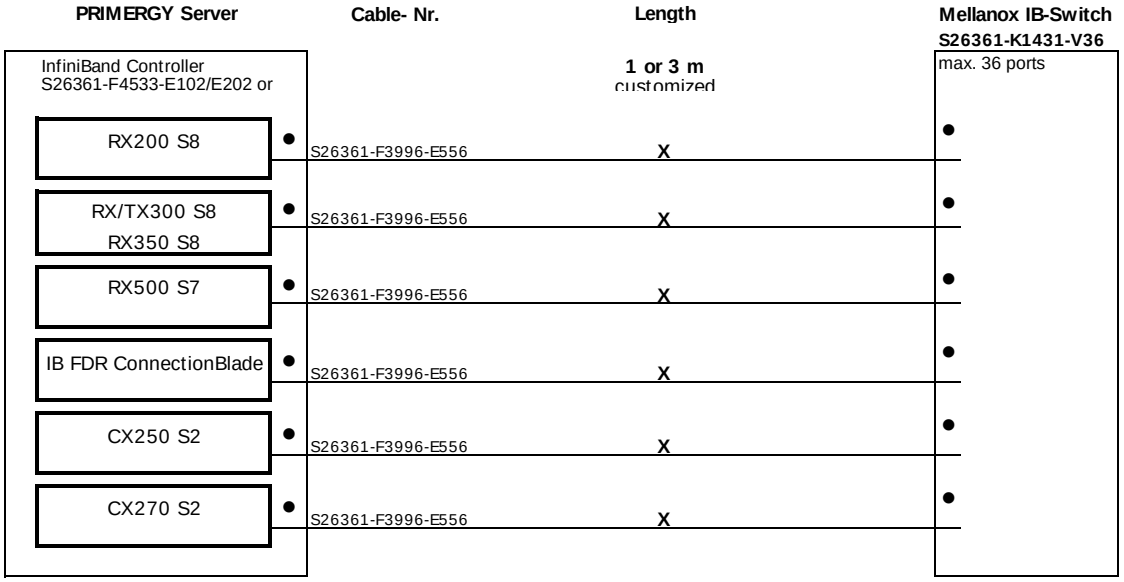
InfiniBand Cu cable 56Gb, customized, order number: S26361-F3996-E556 (for cabling in SA)
InfiniBand Cu cable 56Gb, l= 1m, Order-number: S26361-F3996-L561 (for loose delivery of the IB cable)
InfiniBand Cu cable 56Gb, l= 3m, Order-number: S26361-F3996-L563 (for loose delivery of the IB cable)

Additional informations about cabling

Other Informations about IB cabling / controller releases, see the respective configurator

Please use also the above mentioned selection of 1m and 3m IB Cu cable for the rack-spreading IB-cabling.

Mellanox IB-Cabling for FDR HCA 56Gb



- InfiniBand QSFP (connector in SA, 1x with E102 and 2x with E202) and to other -F4533-E102/E202

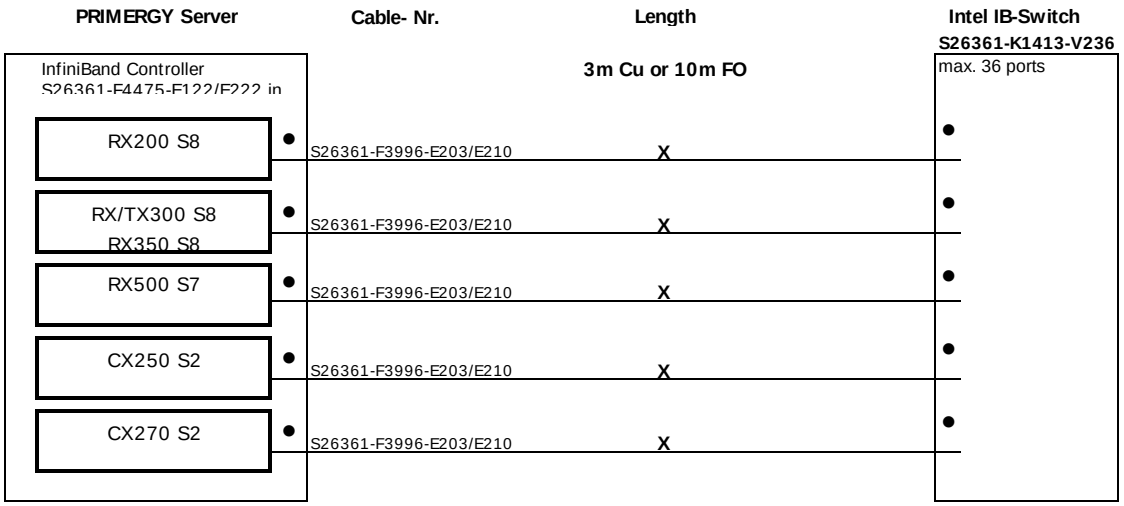
InfiniBand Cu cable 56Gb, customized, order number: S26361-F3996-E556 (for cabling in SA)
InfiniBand Cu cable 56Gb, l= 1m, Order-number: S26361-F3996-L561 (for loose delivery of the IB cable)
InfiniBand Cu cable 56Gb, l= 3m, Order-number: S26361-F3996-L563 (for loose delivery of the IB cable)

Additional informations about cabling

Other Informations about IB cabling / controller releases, see the respective configurator

Please use also the above mentioned selection of 1m and 3m IB Cu cable for the rack-spreading IB-cabling.

Intel IB-Cabling for QDR HCA 40Gb



- InfiniBand QSFP (connector in SA 1x with E122 and 2x with E222) and to other -F4475-E122/E222

Intel IB Cu Cable 40Gb, l= 3m, Order-number: S26361-F3996-L203 (for loose delivery of the IB cable)
Intel IB FO Cable 40Gb, l= 10m, Order-number: S26361-F3996-L210 (for loose delivery of the IB cable)

Additional informations about cabling

Other Informations about IB cabling / controller releases, see the respective configurator

Please use also the above mentioned selection of 3m Cu and 10m FO IB cable for the rack-spreading IB-cabling.

X VDX 6740 Switch Configuration

The switch can be mounted into a Rack ex factory

1x

S26361-K1540-V24
Brocade VDX6740-24
24x10GbE SFP+
No SFP / QSFP modules incl.
port side exhaust airflow
incl. redundant PSU
incl. lifetime reinsurance
1HU, apparent power 110W

S26361-K1540-V48
Brocade VDX6740-48
48x10GbE SFP+
No SFP / QSFP modules incl.
port side exhaust airflow
incl. redundant PSU
incl. lifetime reinsurance
1HU, apparent power 110W

S26361-K1540-V64
Brocade VDX6740-64
48x10GbE SFP + 4x 40 GbE
No SFP / QSFP modules incl.
port side exhaust airflow
incl. redundant PSU
incl. lifetime reinsurance
1HU, apparent power 110W

S26361-K1540-V100
Brocade VDX6740-64-ALLSW
48x10GbE SFP + 4x 40 GbE
incl. FCoE license
No SFP / QSFP modules incl.
port side exhaust airflow
incl. redundant PSU
incl. lifetime reinsurance
1HU, apparent power 110W

1x

S26361-F4530-E11
Mounting of RMK in asymmetrical
rack incl. 1U support bracket.

S26361-F4530-E10
Fixing or attachment of RMK in
symm. racks wo/ support bracket.

S26361-F2735-E111
Not RMK
1x per system

1x

S26361-F5317-E500
Brocade RMK for VDX6740
For PRIMECENTER M1 racks
1x per switch

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU

S26361-F1647-E302
Mounting service for
installation ex works
1x per Switch

Feature options
Some features can be enabled by adding additional licenses
Brocade VCS is available for free with NOS 4.x
FCoE can be enbaled with the license S26361-F5317-L10 and is included in the base unit S26361-K1540-V100. Reinsurance covered for 3 years.

Port on Demand options
S26361-F5317-L810 enables additional 8 SFP+ ports for 10GbE usage.
It can be applied to the base unit S26361-K1540-V24 up to three times to enable the remaining 24 10GbE SFP modules.
S26361-F5317-L240 enables two 40GbE QSFP+ modules and can be used for the base units S26361-K1540-V24 and S26361-K1540-V48 two times.

0-24/48x

V:TWX Connector-BR
10GbE Twinax Brocade
max. 24/48x per switch

S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for
full rack setup ex factory
cable length is selected by
requirement in the factory
Brocade branded cable
max. 24/48x per switch

S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+ optic,
LC connector, MMF,
up to 300 meter
up to 24/48x per switch

S26361-F5263-E102
SFP for uplink ports
1000Base-SX SFP optic,
LC connector, MMF
Optical Monitoring Capable
up to 24/48x per switch

S26361-F5263-E103
SFP for uplink ports
1000Base-LX SFP optic,
LC connector, SMF
Optical Monitoring Capable
up to 24/48x per switch

S26361-F3873-E401
SFP for uplink ports
1000Base-T copper
RJ45 connector
up to 24/48x per switch

S26361-F3986-E500 *)
Fiber cable OM3,
MMF, LC/LC 5m
up to 24/48x per switch

*) in SA only shown in cabling view

S26361-F3417-E500 *)
Copper cable Cat5e
RJ45 connectors
customized length
up to 24/48x per switch

0-2/4x

V:TWX Connector-BR40
40GbE Twinax Brocade
max. 2/4x per switch

S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable
for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 2/4x per switch

S26361-F5317-E400
QSFP+ active twinax cable
customized twinax cable
for rack setup ex factory
QSFP+ to 4x SFP+, 1/3/5m
up to 2/4x per switch

S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic
MTP connector, MMF,
up to 100 meter
up to 2/4x per switch

S26361-F3986-L500 FC Fiber-Kabel OM3, MMF, LC/LC 5m
D:FCKAB-OM4-C05L-L FC-Cable OM4, MMF, 5m, LC/LC
D:FCKAB-OM4-C10L-L FC-Cable OM4, MMF, 10m, LC/LC
D:FCKAB-OM4-C20L-L FC-Cable OM4, MMF, 20m, LC/LC
D:FCKAB-OM4-C50L-L FC-Cable OM4, MMF, 50m, LC/LC
can be used for proper optical 1/10GbE MMF cabling

D:FCKAB-MTP-C05-L MTP cable 5m MTP-female MTP-female
D:FCKAB-MTP-C10-L MTP cable 10m MTP-female MTP-female
D:FCKAB-MTP-C20-L MTP cable 20m MTP-female MTP-female
D:FCKAB-MTP-C50-L MTP cable 50m MTP-female MTP-female
D:FCKAB-MTP-C100-L MTP cable 100m MTP-female MTP-female
To be used for optical 40GbE cabling (coding 1-1, 12-12)

The RJ45 cable can be used for proper cabling.
Loose delivery.
S26361-F3417-L3: Cat 5e, RJ45 connector, 3m
S26361-F3417-505: Cat 5e, RJ45 connector, 5m
S26361-F3417-L510: Cat 5e, RJ45 connector, 10m
S26361-F3417-L515: Cat 5e, RJ45 connector, 15m

Orderable modules and cables (loose delivery). The Brocade VDX6740 switch has 48 SFP/SFP+ and 4 QSFP+ ports.
1GbE copper SFP module
S26361-F3873-L401 1000Base-T, copper, RJ45 connector
1GbE optical SFP modules
S26361-F5263-L102 1000Base-SX, MMF, LC connector
S26361-F5263-L103 1000Base-LX, SMF, LC connector
10GbE optical SFP+ modules
S26361-F3873-L310 10GBase-SR, MMF, LC connector
S26361-F3873-L311 10GBase-LR, SMF, LC connector
S26361-F3873-L312 10GBase-ER, SMF, LC connector
S26361-F3873-L313 10GBase-LRM, MMF, LC connector
10GbE twinax cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5294-L114 40GBase-SR4-INT, MMF, MTP connector, compatible with 10GBASE-SR, 10G breakout-capable
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
40/10GbE twinax breakout cables
S26361-F5317-L401 QSFP+ to 4x SFP+ active twinax cable, 1m
S26361-F5317-L403 QSFP+ to 4x SFP+ active twinax cable, 3m
S26361-F5317-L405 QSFP+ to 4x SFP+ active twinax cable, 5m

End of Brocade VDX6740 Switch

The switch can be mounted into a Rack ex factory

X VDX 6740T Switch Configuration

1x

S26361-K1540-V124	S26361-K1540-V148	S26361-K1540-V164	S26361-K1540-V200
Brocade VDX6740T-24 24x10GbE RJ45	Brocade VDX6740T-48 48x10GbE RJ45	Brocade VDX6740T-64 48x10GbE RJ45 + 4x 40 GbE	Brocade VDX6740T-64-ALLSW 48x10GbE RJ45+ 4x 40 GbE incl. FCoE license
No QSFP modules incl. port side exhaust airflow incl. redundant PSU incl. lifetime reinsurance 1HU, apparent power 420W	No QSFP modules incl. port side exhaust airflow incl. redundant PSU incl. lifetime reinsurance 1HU, apparent power 420W	No QSFP modules incl. port side exhaust airflow incl. redundant PSU incl. lifetime reinsurance 1HU, apparent power 420W	No QSFP modules incl. port side exhaust airflow incl. redundant PSU incl. lifetime reinsurance 1HU, apparent power 420W

S26361-F4530-E11	S26361-F4530-E10	S26361-F2735-E111
Mounting of RMK in asymmetrical rack incl. 1U support bracket.	Fixing or attachment of RMK in symm. racks wo/ support bracket.	Not RMK 1x per system

1x

S26361-F5317-E510
Brocade RMK for VDX6740T
For PRIMECENTER M1 racks
1x per switch

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU

S26361-F1647-E302
Mounting service for
installation ex works
1x per Switch

Feature options
Some features can be enabled by adding additional licenses
Brocade VCS is available for free with NOS 4.x
FCoE can be enbaled with the license S26361-F5317-L10 and is included in the base unit S26361-K1540-V100

Port on Demand options
S26361-F5317-L810 enables additional 8 SFP+ ports for 10GbE usage.
It can be applied to the base unit S26361-K1540-V24 up to three times to enable the remaining 24 10GbE SFP modules.
S26361-F5317-L240 enables two 40GbE QSFP+ modules and can be used for the base units S26361-K1540-V24 and S26361-K1540-V48 two times.

0-24/48x

S26361-F3417-E500 *)
Copper cable Cat5e
RJ45 connectors
customized length
up to 24/48x per switch

*) in SA only shown in cabling view

V:TWX Connector-BR40
40GbE Twinax Brocade
max. 2/4x per switch

0-2/4x

S26361-F5317-E40	S26361-F5317-E400	S26361-F5294-E110
QSFP+ active twinax cable customized twinax cable for rack setup ex factory QSFP+ to QSFP+, 1/3/5m up to 2/4x per switch	QSFP+ active twinax cable customized twinax cable for rack setup ex factory QSFP+ to 4x SFP+, 1/3/5m up to 2/4x per switch	QSFP+ for uplink ports 40GBase-SR4 QSFP+ optic MTP connector, MMF, up to 100 meter up to 2/4x per switch

D:FCKAB-MTP-C05-L MTP cable 5m MTP-female MTP-female
D:FCKAB-MTP-C10-L MTP cable 10m MTP-female MTP-female
D:FCKAB-MTP-C20-L MTP cable 20m MTP-female MTP-female
D:FCKAB-MTP-C50-L MTP cable 50m MTP-female MTP-female
D:FCKAB-MTP-C100-L MTP cable 100m MTP-female MTP-female
To be used for optical 40GbE cabling (coding 1-1, 12-12)

The RJ45 cable can be used for proper cabling:
Loose delivery.
S26361-F3417-L3: Cat 5e, RJ45 connector, 3m
S26361-F3417-505: Cat 5e, RJ45 connector, 5m
S26361-F3417-L510: Cat 5e, RJ45 connector, 10m
S26361-F3417-L515: Cat 5e, RJ45 connector, 15m

Orderable modules and cables (loose delivery). The Brocade VDX6740T switch has 48 RJ45 and 4 QSFP+ ports.
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5294-L114 40GBase-SR4-INT, MMF, MTP connector, compatible with 10GBASE-SR, 10G breakout-capable
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
40/10GbE twinax breakout cables
S26361-F5317-L401 QSFP+ to 4x SFP+ active twinax cable, 1m
S26361-F5317-L403 QSFP+ to 4x SFP+ active twinax cable, 3m
S26361-F5317-L405 QSFP+ to 4x SFP+ active twinax cable, 5m

End of Brocade VDX6740T Switch

X VDX 6740T-1G Switch Configuration

The switch can be mounted into a Rack ex factory

1x

S26361-K1540-V356
Brocade VDX6740T-56-1G
48x1GbE RJ45, 2x 40GbE

No QSFP modules incl.
port side exhaust airflow
incl. redundant PSU
incl. lifetime reinsurance
1HU, apparent power 420W

1x

S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.

S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.

S26361-F2735-E111
Not RMK
1x per system

S26361-F5317-E510
Brocade RMK for VDX6740T
For PRIMECENTER M1 racks
1x per switch

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU

S26361-F1647-E302
Mounting service for installation ex works
1x per Switch

Capacity on Demand option
S26361-F5317-L356 upgrades 16 ports from 1GbE to 10GbE. It can be applied up to three times to the base unit.
Port on Demand options
S26361-F5317-L240 enables two 40GbE QSFP+ modules and can be applied to the base unit to enable the two remaining QSFP+ modules for 40GbE usage

0-48x

S26361-F3417-E500 *)
Copper cable Cat5e
RJ45 connectors
customized length
up to 48x per switch

*) in SA only shown in cabling view

V:TWX Connector-BR40
40GbE Twinax Brocade
max. 2/4x per switch

0-2/4x

S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable
for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 2/4x per switch

S26361-F5317-E400
QSFP+ active twinax cable
customized twinax cable
for rack setup ex factory
QSFP+ to 4x SFP+, 1/3/5m
up to 2/4x per switch

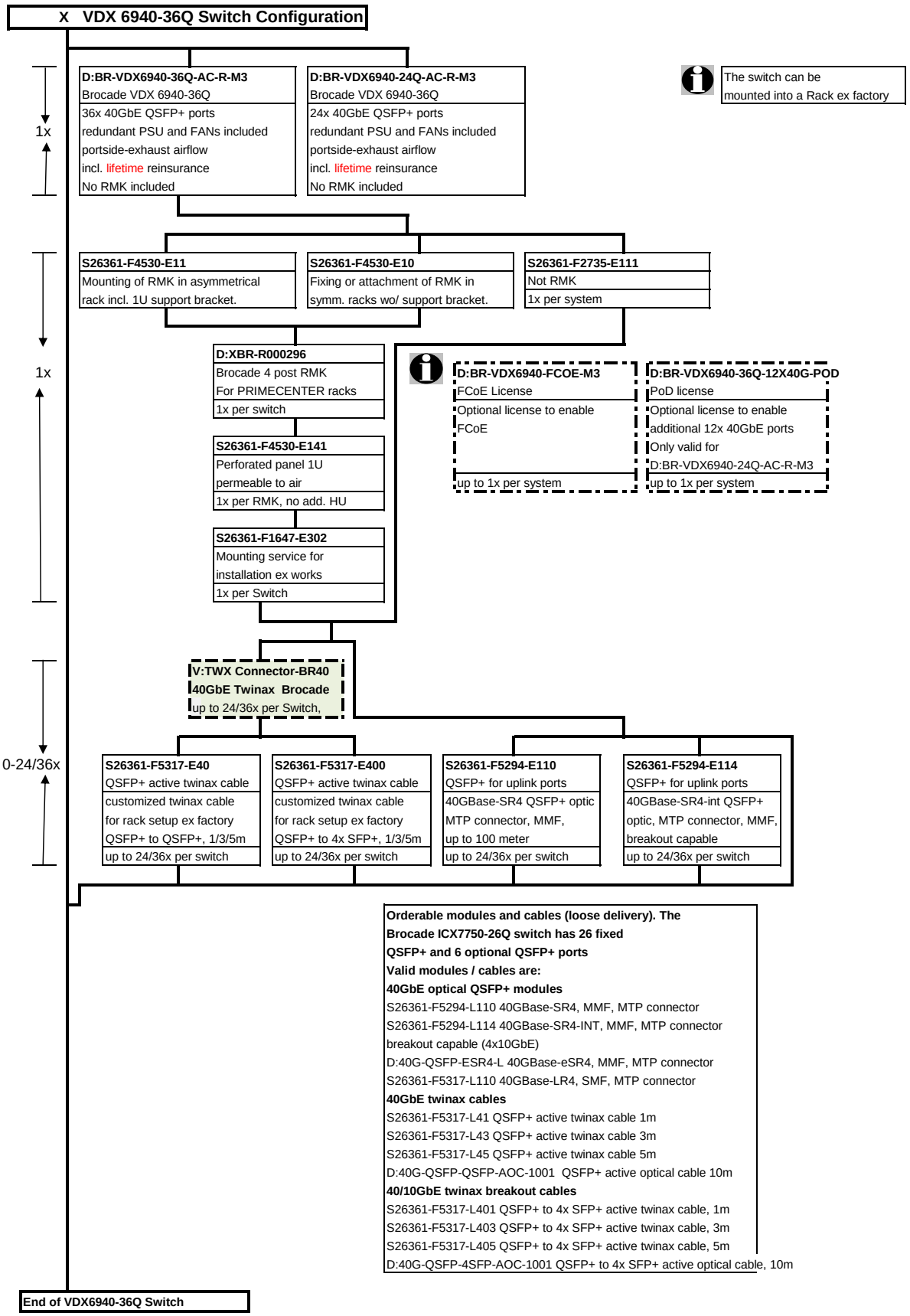
S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic
MTP connector, MMF,
up to 100 meter
up to 2/4x per switch

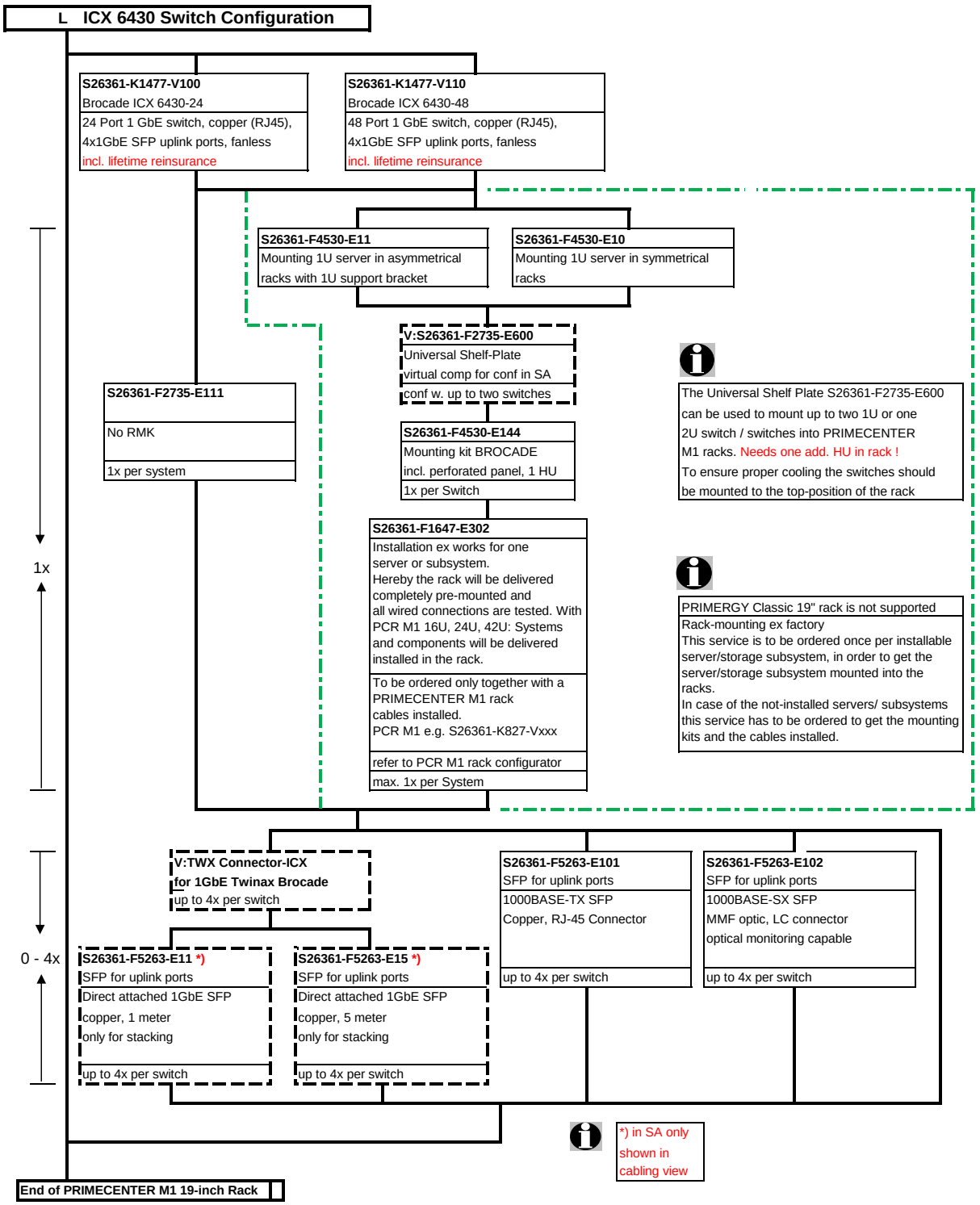
D:FCKAB-MTP-C05-L MTP cable 5m MTP-female MTP-female
D:FCKAB-MTP-C10-L MTP cable 10m MTP-female MTP-female
D:FCKAB-MTP-C20-L MTP cable 20m MTP-female MTP-female
D:FCKAB-MTP-C50-L MTP cable 50m MTP-female MTP-female
D:FCKAB-MTP-C100-L MTP cable 100m MTP-female MTP-female
To be used for optical 40GbE cabling (coding 1-1, 12-12)

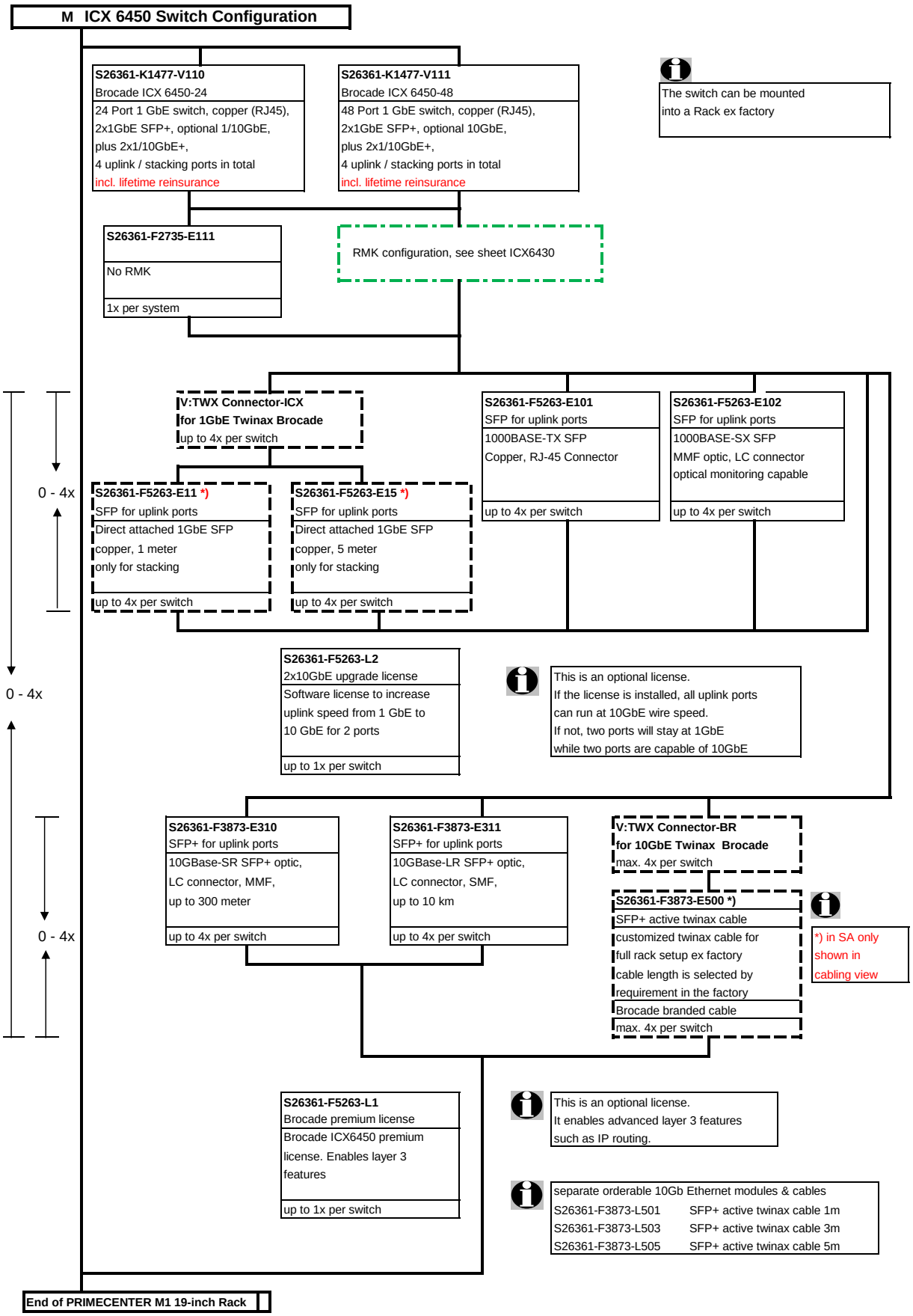
The RJ45 cable can be used for proper cabling.
Loose delivery.
S26361-F3417-L3: Cat 5e, RJ45 connector, 3m
S26361-F3417-505: Cat 5e, RJ45 connector, 5m
S26361-F3417-L510: Cat 5e, RJ45 connector, 10m
S26361-F3417-L515: Cat 5e, RJ45 connector, 15m

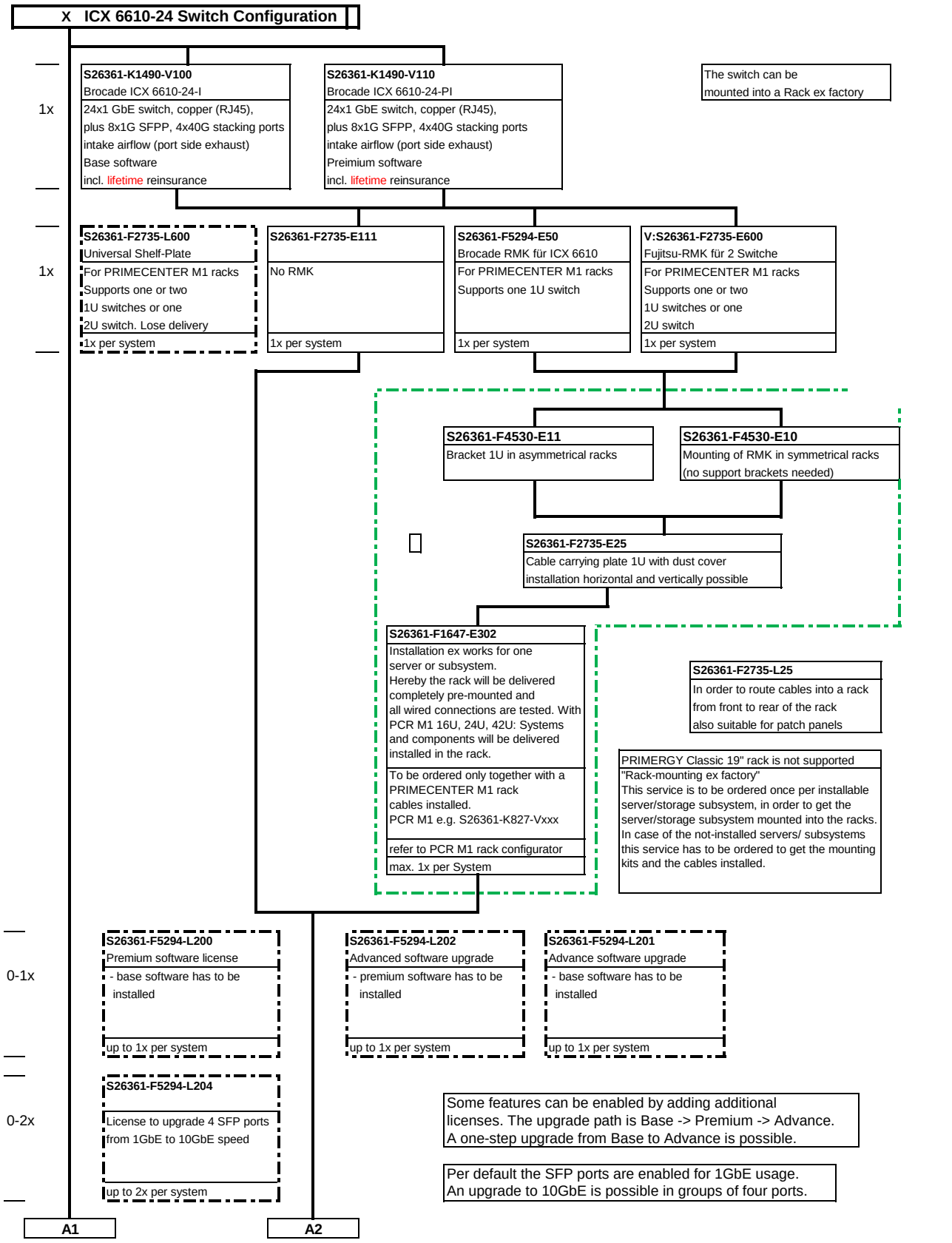
Orderable modules and cables (loose delivery). The Brocade VDX6740T-1G switch has 48 RJ45 and 4 QSFP+ ports.
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5294-L114 40GBase-SR4-INT, MMF, MTP connector, compatible with 10GBASE-SR, 10G breakout-capable
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
40/10GbE twinax breakout cables
S26361-F5317-L401 QSFP+ to 4x SFP+ active twinax cable, 1m
S26361-F5317-L403 QSFP+ to 4x SFP+ active twinax cable, 3m
S26361-F5317-L405 QSFP+ to 4x SFP+ active twinax cable, 5m

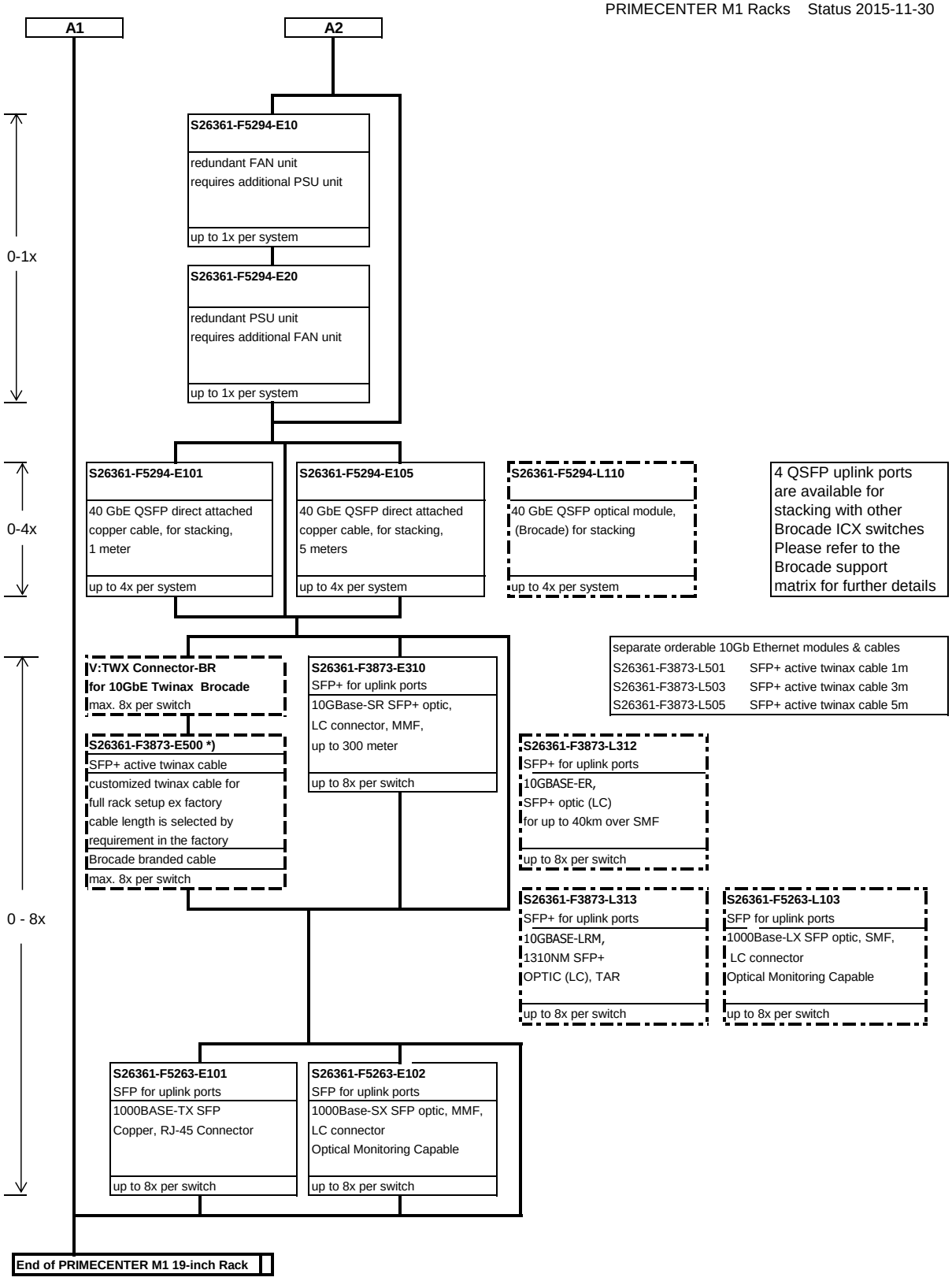
End of Brocade VDX6740T-1G Switch

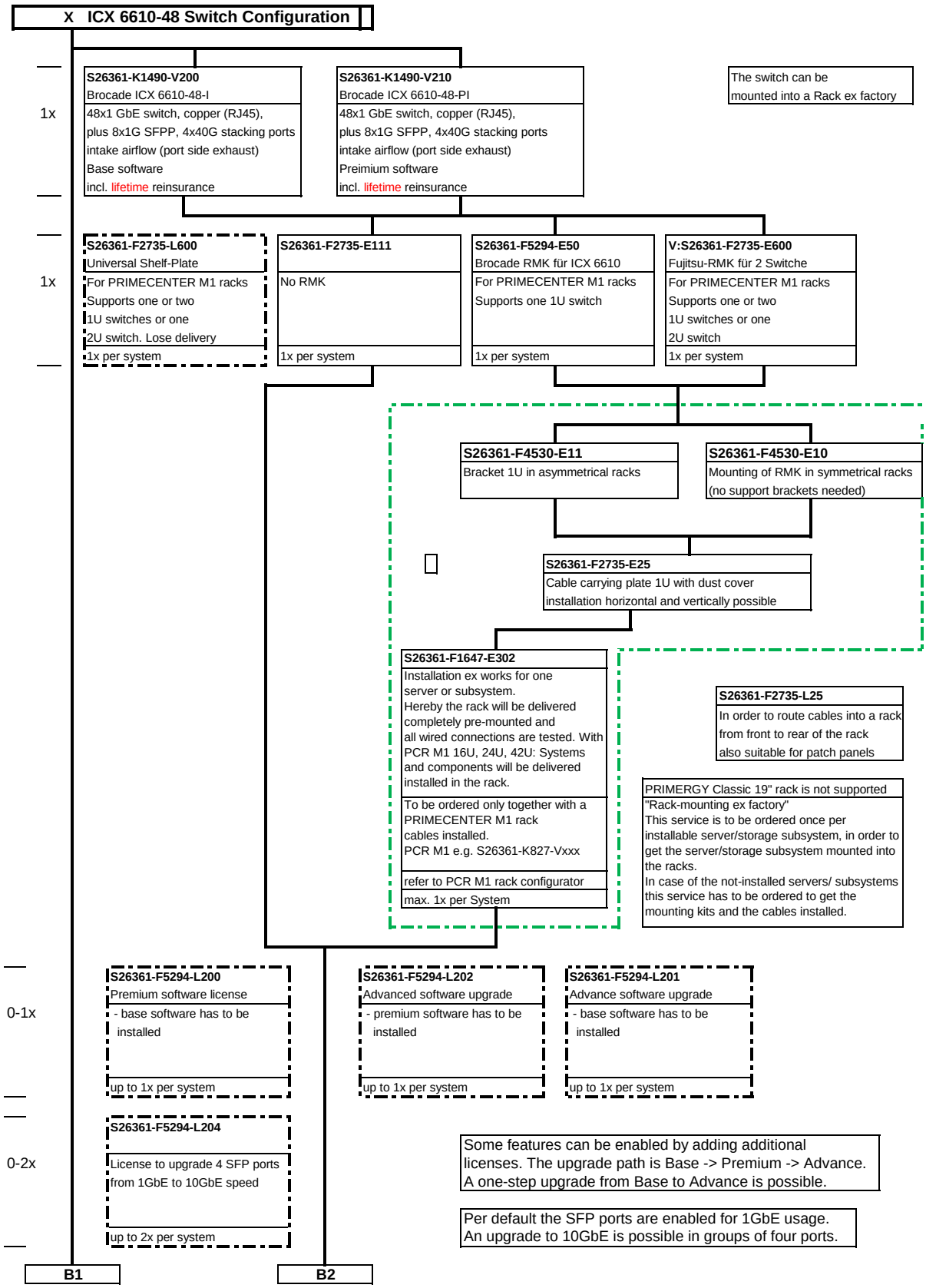

X VDX 6940-36Q Switch Configuration
1x
D:BR-VDX6940-36Q-AC-R-M3
Brocade VDX 6940-36Q
36x 40GbE QSFP+ ports
redundant PSU and FANs included
portside-exhaust airflow
incl. lifetime reinsurance
No RMK included
D:BR-VDX6940-24Q-AC-R-M3
Brocade VDX 6940-36Q
24x 40GbE QSFP+ ports
redundant PSU and FANs included
portside-exhaust airflow
incl. lifetime reinsurance
No RMK included
The switch can be mounted into a Rack ex factory
S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.
S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.
S26361-F2735-E111
Not RMK
1x per system
1x
D:XBR-R000296
Brocade 4 post RMK
For PRIMECENTER racks
1x per switch
D:BR-VDX6940-FCOE-M3
FCoE License
Optional license to enable FCoE
up to 1x per system
D:BR-VDX6940-36Q-12X40G-POD
PoD license
Optional license to enable additional 12x 40GbE ports
Only valid for D:BR-VDX6940-24Q-AC-R-M3
up to 1x per system
S26361-F4530-E141
Perforated panel 1U permeable to air
1x per RMK, no add. HU
S26361-F1647-E302
Mounting service for installation ex works
1x per Switch
V:TWX Connector-BR40 40GbE Twinax Brocade
up to 24/36x per Switch,
0-24/36x
S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 24/36x per switch
S26361-F5317-E400
QSFP+ active twinax cable
customized twinax cable for rack setup ex factory
QSFP+ to 4x SFP+, 1/3/5m
up to 24/36x per switch
S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic MTP connector, MMF, up to 100 meter
up to 24/36x per switch
S26361-F5294-E114
QSFP+ for uplink ports
40GBase-SR4-int QSFP+ optic, MTP connector, MMF, breakout capable
up to 24/36x per switch
Orderable modules and cables (loose delivery). The Brocade ICX7750-26Q switch has 26 fixed QSFP+ and 6 optional QSFP+ ports
Valid modules / cables are:
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5294-L114 40GBase-SR4-INT, MMF, MTP connector breakout capable (4x10GbE)
D:40G-QSFP-ESR4-L 40GBase-eSR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
D:40G-QSFP-QSFP-AOC-1001 QSFP+ active optical cable 10m
40/10GbE twinax breakout cables
S26361-F5317-L401 QSFP+ to 4x SFP+ active twinax cable, 1m
S26361-F5317-L403 QSFP+ to 4x SFP+ active twinax cable, 3m
S26361-F5317-L405 QSFP+ to 4x SFP+ active twinax cable, 5m
D:40G-QSFP-4SFP-AOC-1001 QSFP+ to 4x SFP+ active optical cable, 10m
End of VDX6940-36Q Switch

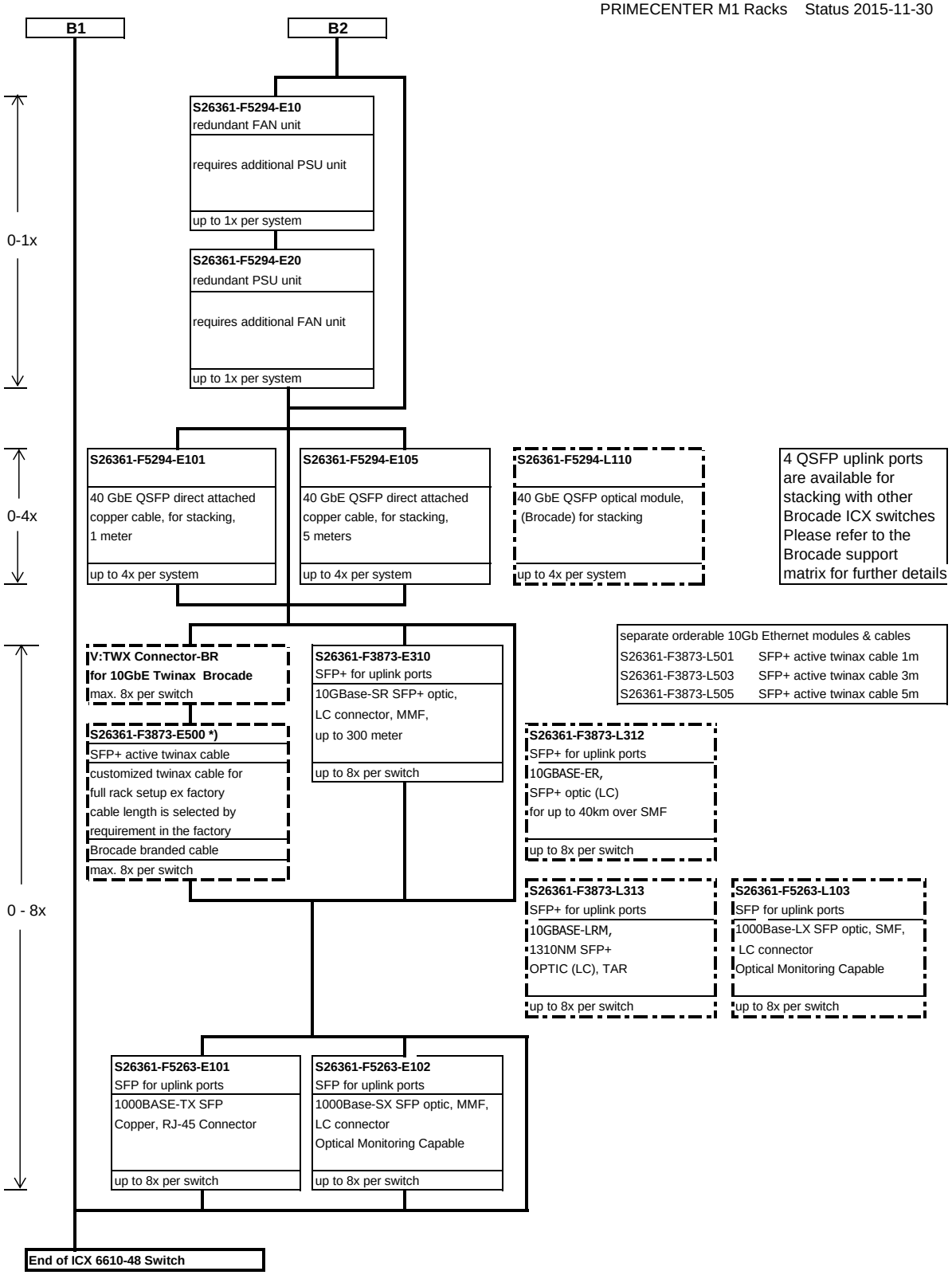

L ICX 6430 Switch Configuration
S26361-K1477-V100
Brocade ICX 6430-24
24 Port 1 GbE switch, copper (RJ45),
4x1GbE SFP uplink ports, fanless
incl. lifetime reinsurance
S26361-K1477-V110
Brocade ICX 6430-48
48 Port 1 GbE switch, copper (RJ45),
4x1GbE SFP uplink ports, fanless
incl. lifetime reinsurance
S26361-F4530-E11
Mounting 1U server in asymmetrical
racks with 1U support bracket
S26361-F4530-E10
Mounting 1U server in symmetrical
racks
V:S26361-F2735-E600
Universal Shelf-Plate
virtual comp for conf in SA
conf w. up to two switches
S26361-F2735-E111
No RMK
1x per system
S26361-F4530-E144
Mounting kit BROCADE
incl. perforated panel, 1 HU
1x per Switch
The Universal Shelf Plate S26361-F2735-E600
can be used to mount up to two 1U or one
2U switch / switches into PRIMECENTER
M1 racks. Needs one add. HU in rack !
To ensure proper cooling the switches should
be mounted to the top-position of the rack
1x
S26361-F1647-E302
Installation ex works for one
server or subsystem.
Hereby the rack will be delivered
completely pre-mounted and
all wired connections are tested. With
PCR M1 16U, 24U, 42U: Systems
and components will be delivered
installed in the rack.
To be ordered only together with a
PRIMECENTER M1 rack
cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System
PRIMERGY Classic 19" rack is not supported
Rack-mounting ex factory
This service is to be ordered once per installable
server/storage subsystem, in order to get the
server/storage subsystem mounted into the
racks.
In case of the not-installed servers/ subsystems
this service has to be ordered to get the mounting
kits and the cables installed.
V:TWX Connector-ICX
for 1GbE Twinax Brocade
up to 4x per switch
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP
Copper, RJ-45 Connector
up to 4x per switch
S26361-F5263-E102
SFP for uplink ports
1000BASE-SX SFP
MMF optic, LC connector
optical monitoring capable
up to 4x per switch
0 - 4x
S26361-F5263-E11 *)
SFP for uplink ports
Direct attached 1GbE SFP
copper, 1 meter
only for stacking
up to 4x per switch
S26361-F5263-E15 *)
SFP for uplink ports
Direct attached 1GbE SFP
copper, 5 meter
only for stacking
up to 4x per switch
*) in SA only
shown in
cabling view
End of PRIMECENTER M1 19-inch Rack

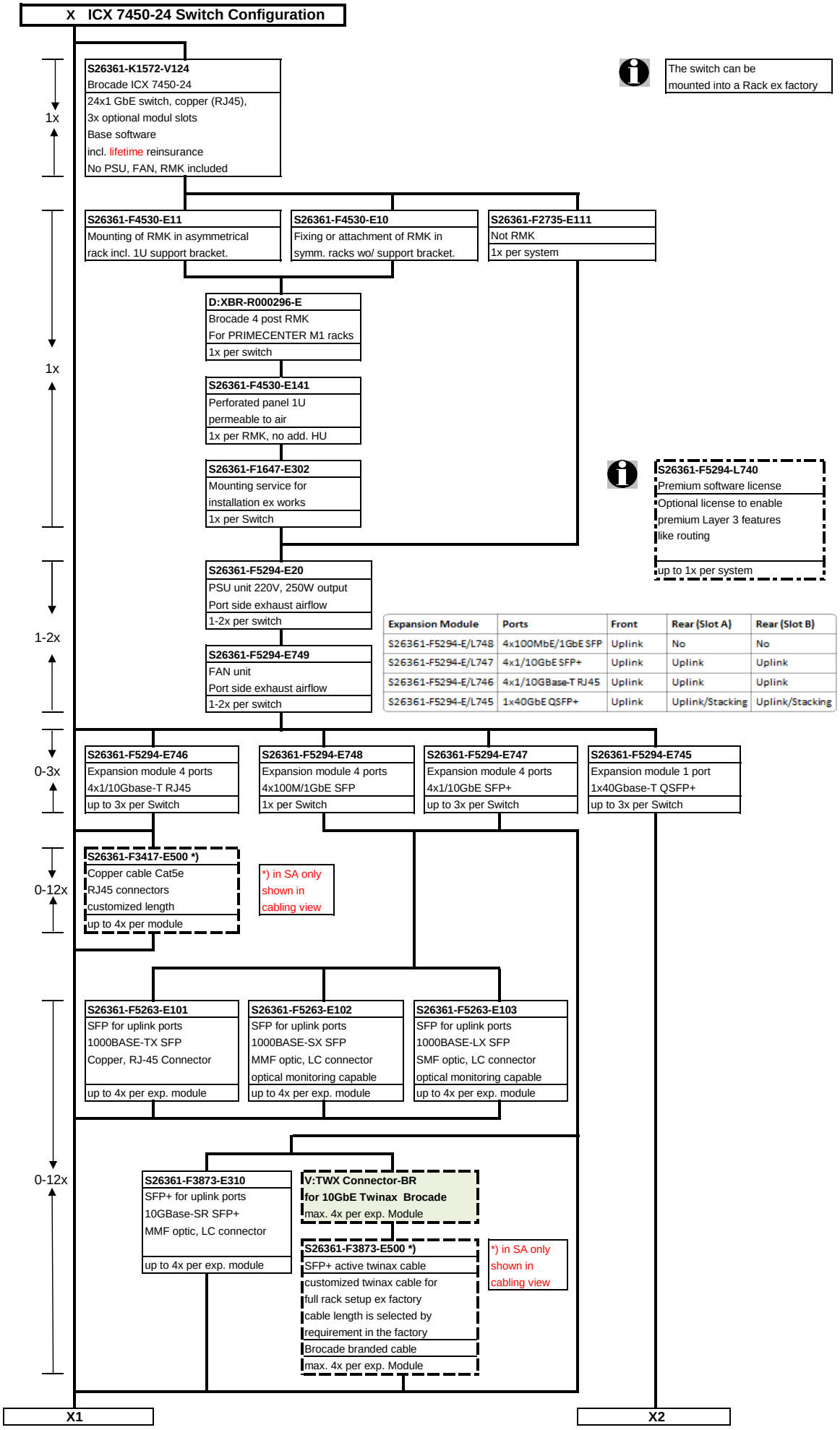

M ICX 6450 Switch Configuration
S26361-K1477-V110
Brocade ICX 6450-24
24 Port 1 GbE switch, copper (RJ45),
2x1GbE SFP+, optional 1/10GbE,
plus 2x1/10GbE+,
4 uplink / stacking ports in total
incl. lifetime reinsurance
S26361-K1477-V111
Brocade ICX 6450-48
48 Port 1 GbE switch, copper (RJ45),
2x1GbE SFP+, optional 10GbE,
plus 2x1/10GbE+,
4 uplink / stacking ports in total
incl. lifetime reinsurance
The switch can be mounted
into a Rack ex factory
S26361-F2735-E111
No RMK
1x per system
RMK configuration, see sheet ICX6430
V:TWX Connector-ICX
for 1GbE Twinax Brocade
up to 4x per switch
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP
Copper, RJ-45 Connector
up to 4x per switch
S26361-F5263-E102
SFP for uplink ports
1000BASE-SX SFP
MMF optic, LC connector
optical monitoring capable
up to 4x per switch
0 - 4x
S26361-F5263-E11 *)
SFP for uplink ports
Direct attached 1GbE SFP
copper, 1 meter
only for stacking
up to 4x per switch
S26361-F5263-E15 *)
SFP for uplink ports
Direct attached 1GbE SFP
copper, 5 meter
only for stacking
up to 4x per switch
0 - 4x
S26361-F5263-L2
2x10GbE upgrade license
Software license to increase
uplink speed from 1 GbE to
10 GbE for 2 ports
up to 1x per switch
This is an optional license.
If the license is installed, all uplink ports
can run at 10GbE wire speed.
If not, two ports will stay at 1GbE
while two ports are capable of 10GbE
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+ optic,
LC connector, MMF,
up to 300 meter
up to 4x per switch
S26361-F3873-E311
SFP+ for uplink ports
10GBase-LR SFP+ optic,
LC connector, SMF,
up to 10 km
up to 4x per switch
V:TWX Connector-BR
for 10GbE Twinax Brocade
max. 4x per switch
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for
full rack setup ex factory
cable length is selected by
requirement in the factory
Brocade branded cable
max. 4x per switch
*) in SA only
shown in
cabling view
0 - 4x
S26361-F5263-L1
Brocade premium license
Brocade ICX6450 premium
license. Enables layer 3
features
up to 1x per switch
This is an optional license.
It enables advanced layer 3 features
such as IP routing.
separate orderable 10Gb Ethernet modules & cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
End of PRIMECENTER M1 19-inch Rack

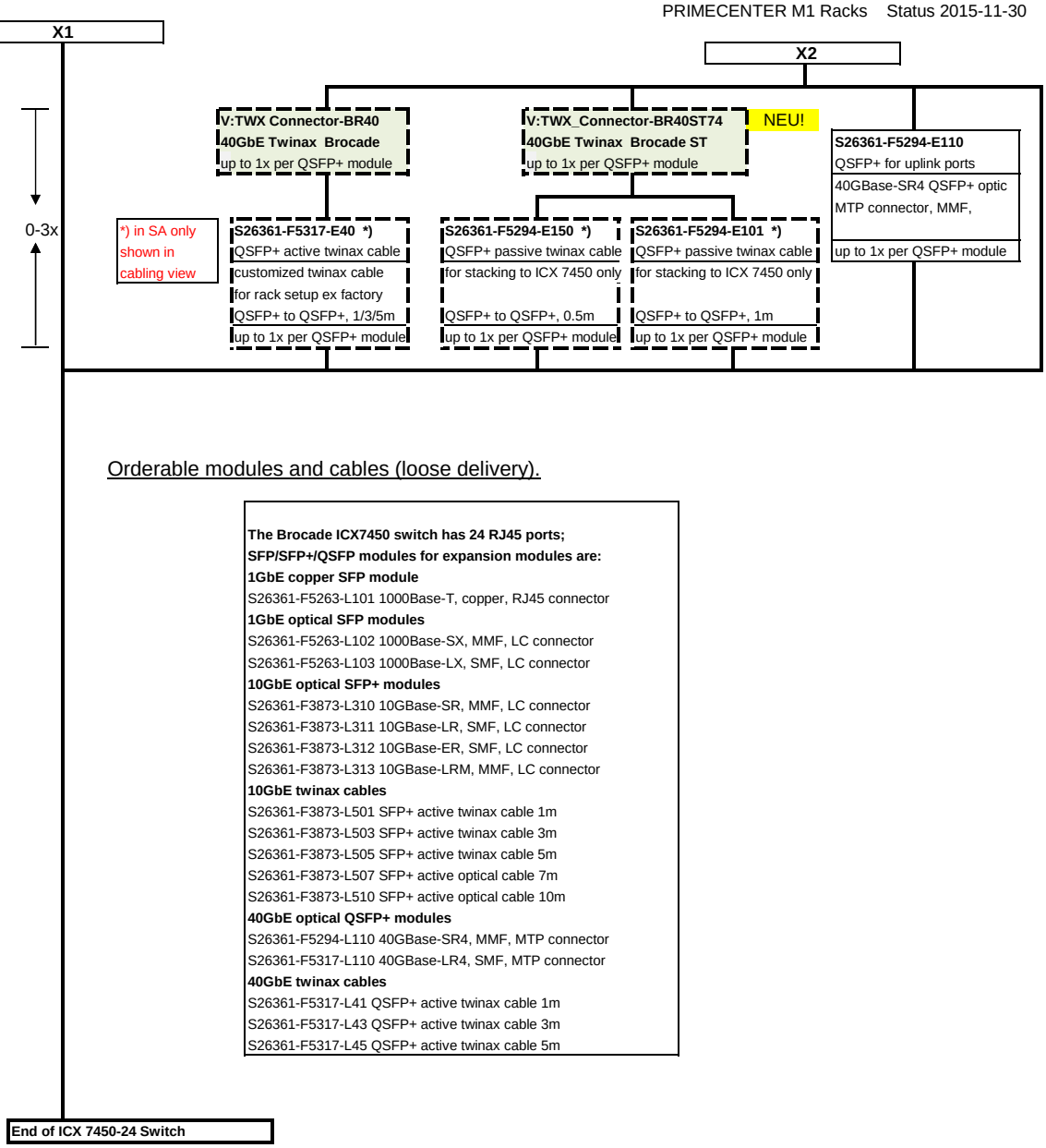

X ICX 6610-24 Switch Configuration
1x
S26361-K1490-V100
Brocade ICX 6610-24-I
24x1 GbE switch, copper (RJ45),
plus 8x1G SFPP, 4x40G stacking ports
intake airflow (port side exhaust)
Base software
incl. lifetime reinsurance
S26361-K1490-V110
Brocade ICX 6610-24-PI
24x1 GbE switch, copper (RJ45),
plus 8x1G SFPP, 4x40G stacking ports
intake airflow (port side exhaust)
Preimium software
incl. lifetime reinsurance
The switch can be
mounted into a Rack ex factory
1x
S26361-F2735-L600
Universal Shelf-Plate
For PRIMECENTER M1 racks
Supports one or two
1U switches or one
2U switch. Lose delivery
1x per system
S26361-F2735-E111
No RMK
1x per system
S26361-F5294-E50
Brocade RMK für ICX 6610
For PRIMECENTER M1 racks
Supports one 1U switch
1x per system
V:S26361-F2735-E600
Fujitsu-RMK für 2 Switche
For PRIMECENTER M1 racks
Supports one or two
1U switches or one
2U switch
1x per system
S26361-F4530-E11
Bracket 1U in asymmetrical racks
S26361-F4530-E10
Mounting of RMK in symmetrical racks
(no support brackets needed)
S26361-F2735-E25
Cable carrying plate 1U with dust cover
installation horizontal and vertically possible
S26361-F1647-E302
Installation ex works for one
server or subsystem.
Hereby the rack will be delivered
completely pre-mounted and
all wired connections are tested. With
PCR M1 16U, 24U, 42U: Systems
and components will be delivered
installed in the rack.
To be ordered only together with a
PRIMECENTER M1 rack
cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System
S26361-F2735-L25
In order to route cables into a rack
from front to rear of the rack
also suitable for patch panels
PRIMERGY Classic 19" rack is not supported
"Rack-mounting ex factory"
This service is to be ordered once per installable
server/storage subsystem, in order to get the
server/storage subsystem mounted into the racks.
In case of the not-installed servers/ subsystems
this service has to be ordered to get the mounting
kits and the cables installed.
0-1x
S26361-F5294-L200
Premium software license
- base software has to be
installed
up to 1x per system
S26361-F5294-L202
Advanced software upgrade
- premium software has to be
installed
up to 1x per system
S26361-F5294-L201
Advance software upgrade
- base software has to be
installed
up to 1x per system
0-2x
S26361-F5294-L204
License to upgrade 4 SFP ports
from 1GbE to 10GbE speed
up to 2x per system
Some features can be enabled by adding additional
licenses. The upgrade path is Base -> Premium -> Advance.
A one-step upgrade from Base to Advance is possible.
Per default the SFP ports are enabled for 1GbE usage.
An upgrade to 10GbE is possible in groups of four ports.
A1
A2


A1
A2
S26361-F5294-E10
redundant FAN unit
requires additional PSU unit
up to 1x per system
0-1x
S26361-F5294-E20
redundant PSU unit
requires additional FAN unit
up to 1x per system
S26361-F5294-E101
40 GbE QSFP direct attached copper cable, for stacking, 1 meter
up to 4x per system
S26361-F5294-E105
40 GbE QSFP direct attached copper cable, for stacking, 5 meters
up to 4x per system
S26361-F5294-L110
40 GbE QSFP optical module, (Brocade) for stacking
up to 4x per system
0-4x
4 QSFP uplink ports are available for stacking with other Brocade ICX switches Please refer to the Brocade support matrix for further details
separate orderable 10Gb Ethernet modules & cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
V:TWX Connector-BR for 10GbE Twinax Brocade
max. 8x per switch
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory
Brocade branded cable
max. 8x per switch
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+ optic, LC connector, MMF, up to 300 meter
up to 8x per switch
S26361-F3873-L312
SFP+ for uplink ports
10GBASE-ER, SFP+ optic (LC) for up to 40km over SMF
up to 8x per switch
S26361-F3873-L313
SFP+ for uplink ports
10GBASE-LRM, 1310NM SFP+ OPTIC (LC), TAR
up to 8x per switch
S26361-F5263-L103
SFP for uplink ports
1000Base-LX SFP optic, SMF, LC connector Optical Monitoring Capable
up to 8x per switch
0 - 8x
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP Copper, RJ-45 Connector
up to 8x per switch
S26361-F5263-E102
SFP for uplink ports
1000Base-SX SFP optic, MMF, LC connector Optical Monitoring Capable
up to 8x per switch
End of PRIMECENTER M1 19-inch Rack


X ICX 6610-48 Switch Configuration
1x
S26361-K1490-V200
Brocade ICX 6610-48-I
48x1 GbE switch, copper (RJ45),
plus 8x1G SFPP, 4x40G stacking ports
intake airflow (port side exhaust)
Base software
incl. lifetime reinsurance
S26361-K1490-V210
Brocade ICX 6610-48-PI
48x1 GbE switch, copper (RJ45),
plus 8x1G SFPP, 4x40G stacking ports
intake airflow (port side exhaust)
Preimium software
incl. lifetime reinsurance
The switch can be
mounted into a Rack ex factory
1x
S26361-F2735-L600
Universal Shelf-Plate
For PRIMECENTER M1 racks
Supports one or two
1U switches or one
2U switch. Lose delivery
1x per system
S26361-F2735-E111
No RMK
1x per system
S26361-F5294-E50
Brocade RMK für ICX 6610
For PRIMECENTER M1 racks
Supports one 1U switch
1x per system
V:S26361-F2735-E600
Fujitsu-RMK für 2 Switche
For PRIMECENTER M1 racks
Supports one or two
1U switches or one
2U switch
1x per system
S26361-F4530-E11
Bracket 1U in asymmetrical racks
S26361-F4530-E10
Mounting of RMK in symmetrical racks
(no support brackets needed)
S26361-F2735-E25
Cable carrying plate 1U with dust cover
installation horizontal and vertically possible
S26361-F1647-E302
Installation ex works for one
server or subsystem.
Hereby the rack will be delivered
completely pre-mounted and
all wired connections are tested. With
PCR M1 16U, 24U, 42U: Systems
and components will be delivered
installed in the rack.
To be ordered only together with a
PRIMECENTER M1 rack
cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System
S26361-F2735-L25
In order to route cables into a rack
from front to rear of the rack
also suitable for patch panels
PRIMERGY Classic 19" rack is not supported
"Rack-mounting ex factory"
This service is to be ordered once per
installable server/storage subsystem, in order to
get the server/storage subsystem mounted into
the racks.
In case of the not-installed servers/ subsystems
this service has to be ordered to get the
mounting kits and the cables installed.
0-1x
S26361-F5294-L200
Premium software license
- base software has to be
installed
up to 1x per system
S26361-F5294-L202
Advanced software upgrade
- premium software has to be
installed
up to 1x per system
S26361-F5294-L201
Advance software upgrade
- base software has to be
installed
up to 1x per system
0-2x
S26361-F5294-L204
License to upgrade 4 SFP ports
from 1GbE to 10GbE speed
up to 2x per system
Some features can be enabled by adding additional
licenses. The upgrade path is Base -> Premium -> Advance.
A one-step upgrade from Base to Advance is possible.
Per default the SFP ports are enabled for 1GbE usage.
An upgrade to 10GbE is possible in groups of four ports.
B1
B2

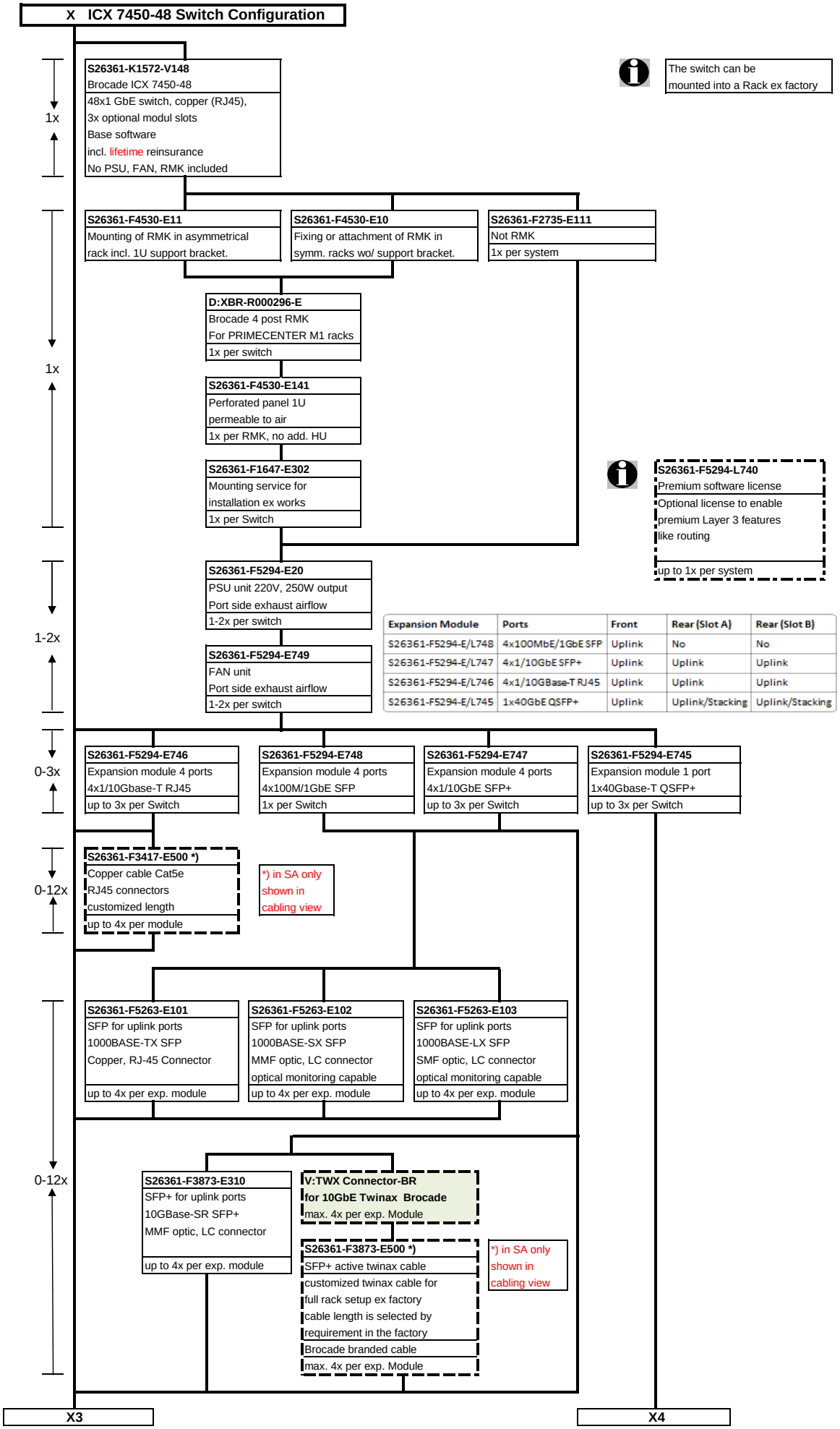

B1
B2
0-1x
S26361-F5294-E10
redundant FAN unit
requires additional PSU unit
up to 1x per system
S26361-F5294-E20
redundant PSU unit
requires additional FAN unit
up to 1x per system
0-4x
S26361-F5294-E101
40 GbE QSFP direct attached copper cable, for stacking, 1 meter
up to 4x per system
S26361-F5294-E105
40 GbE QSFP direct attached copper cable, for stacking, 5 meters
up to 4x per system
S26361-F5294-L110
40 GbE QSFP optical module, (Brocade) for stacking
up to 4x per system
4 QSFP uplink ports are available for stacking with other Brocade ICX switches Please refer to the Brocade support matrix for further details
separate orderable 10Gb Ethernet modules & cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
V:TWX Connector-BR
for 10GbE Twinax Brocade
max. 8x per switch
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+ optic, LC connector, MMF, up to 300 meter
up to 8x per switch
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory
Brocade branded cable
max. 8x per switch
S26361-F3873-L312
SFP+ for uplink ports
10GBASE-ER, SFP+ optic (LC) for up to 40km over SMF
up to 8x per switch
0 - 8x
S26361-F3873-L313
SFP+ for uplink ports
10GBASE-LRM, 1310NM SFP+ OPTIC (LC), TAR
up to 8x per switch
S26361-F5263-L103
SFP for uplink ports
1000Base-LX SFP optic, SMF, LC connector Optical Monitoring Capable
up to 8x per switch
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP Copper, RJ-45 Connector
up to 8x per switch
S26361-F5263-E102
SFP for uplink ports
1000Base-SX SFP optic, MMF, LC connector Optical Monitoring Capable
up to 8x per switch
End of ICX 6610-48 Switch

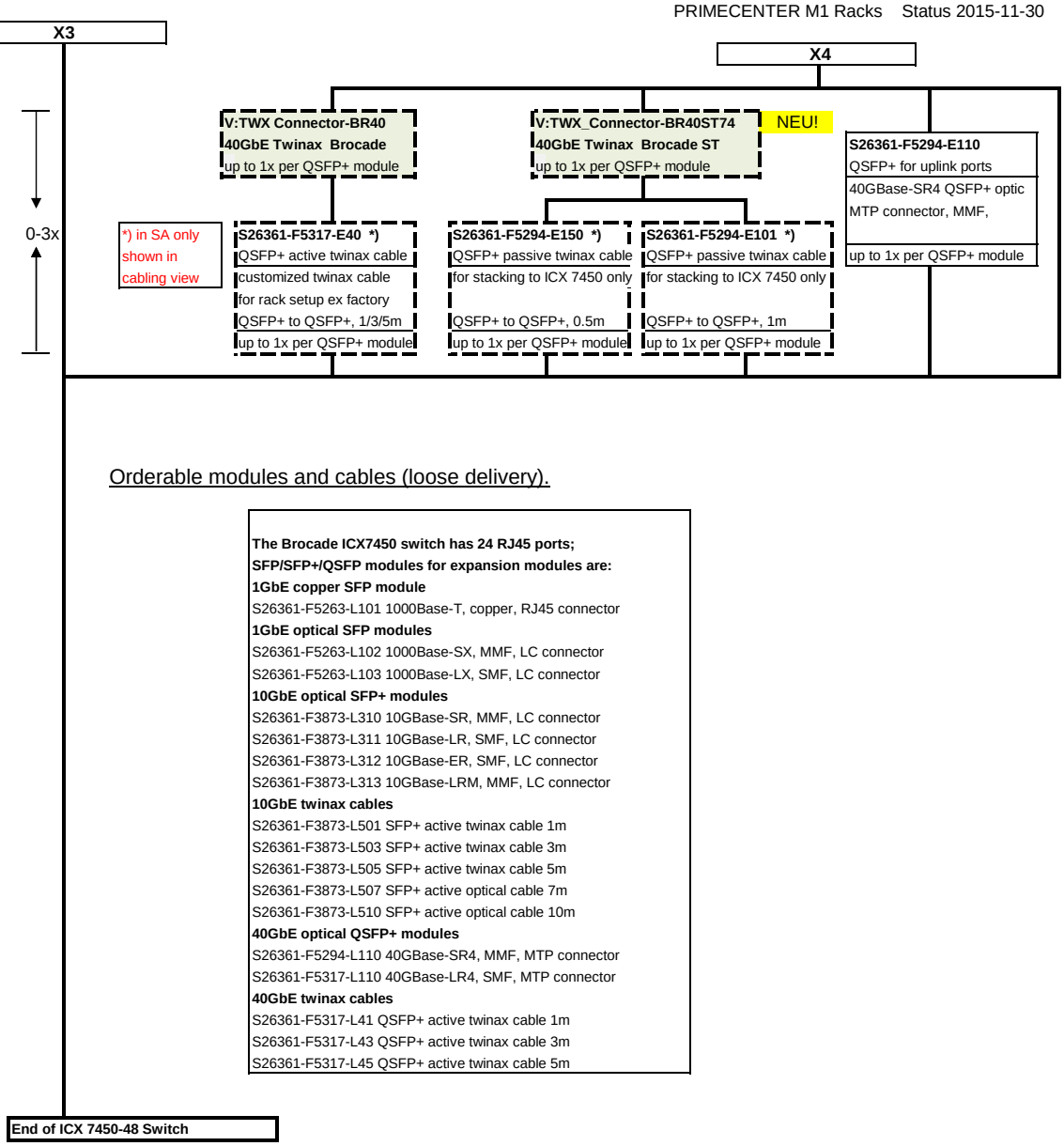

X ICX 7450-24 Switch Configuration
1x
S26361-K1572-V124
Brocade ICX 7450-24
24x1 GbE switch, copper (RJ45),
3x optional modul slots
Base software
incl. lifetime reinsurance
No PSU, FAN, RMK included
The switch can be mounted into a Rack ex factory
1x
S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.
S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.
S26361-F2735-E111
Not RMK
1x per system
D:XBR-R000296-E
Brocade 4 post RMK
For PRIMECENTER M1 racks
1x per switch
S26361-F4530-E141
Perforated panel 1U permeable to air
1x per RMK, no add. HU
S26361-F1647-E302
Mounting service for installation ex works
1x per Switch
S26361-F5294-L740
Premium software license
Optional license to enable premium Layer 3 features like routing
up to 1x per system
1-2x
S26361-F5294-E20
PSU unit 220V, 250W output
Port side exhaust airflow
1-2x per switch
S26361-F5294-E749
FAN unit
Port side exhaust airflow
1-2x per switch
Expansion Module | Ports | Front | Rear (Slot A) | Rear (Slot B)
S26361-F5294-E/L748 | 4x100MbE/1GbE SFP | Uplink | No | No
S26361-F5294-E/L747 | 4x1/10GbE SFP+ | Uplink | Uplink | Uplink
S26361-F5294-E/L746 | 4x1/10GBase-T RJ45 | Uplink | Uplink | Uplink
S26361-F5294-E/L745 | 1x40GbE QSFP+ | Uplink | Uplink/Stacking | Uplink/Stacking
0-3x
S26361-F5294-E746
Expansion module 4 ports
4x1/10Gbase-T RJ45
up to 3x per Switch
S26361-F5294-E748
Expansion module 4 ports
4x100M/1GbE SFP
1x per Switch
S26361-F5294-E747
Expansion module 4 ports
4x1/10GbE SFP+
up to 3x per Switch
S26361-F5294-E745
Expansion module 1 port
1x40Gbase-T QSFP+
up to 3x per Switch
0-12x
S26361-F3417-E500 *)
Copper cable Cat5e
RJ45 connectors
customized length
up to 4x per module
*) in SA only shown in cabling view
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP
Copper, RJ-45 Connector
up to 4x per exp. module
S26361-F5263-E102
SFP for uplink ports
1000BASE-SX SFP
MMF optic, LC connector
optical monitoring capable
up to 4x per exp. module
S26361-F5263-E103
SFP for uplink ports
1000BASE-LX SFP
SMF optic, LC connector
optical monitoring capable
up to 4x per exp. module
0-12x
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+
MMF optic, LC connector
up to 4x per exp. module
V:TWX Connector-BR
for 10GbE Twinax Brocade
max. 4x per exp. Module
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory
Brocade branded cable
max. 4x per exp. Module
*) in SA only shown in cabling view
X1
X2



Orderable modules and cables (loose delivery).

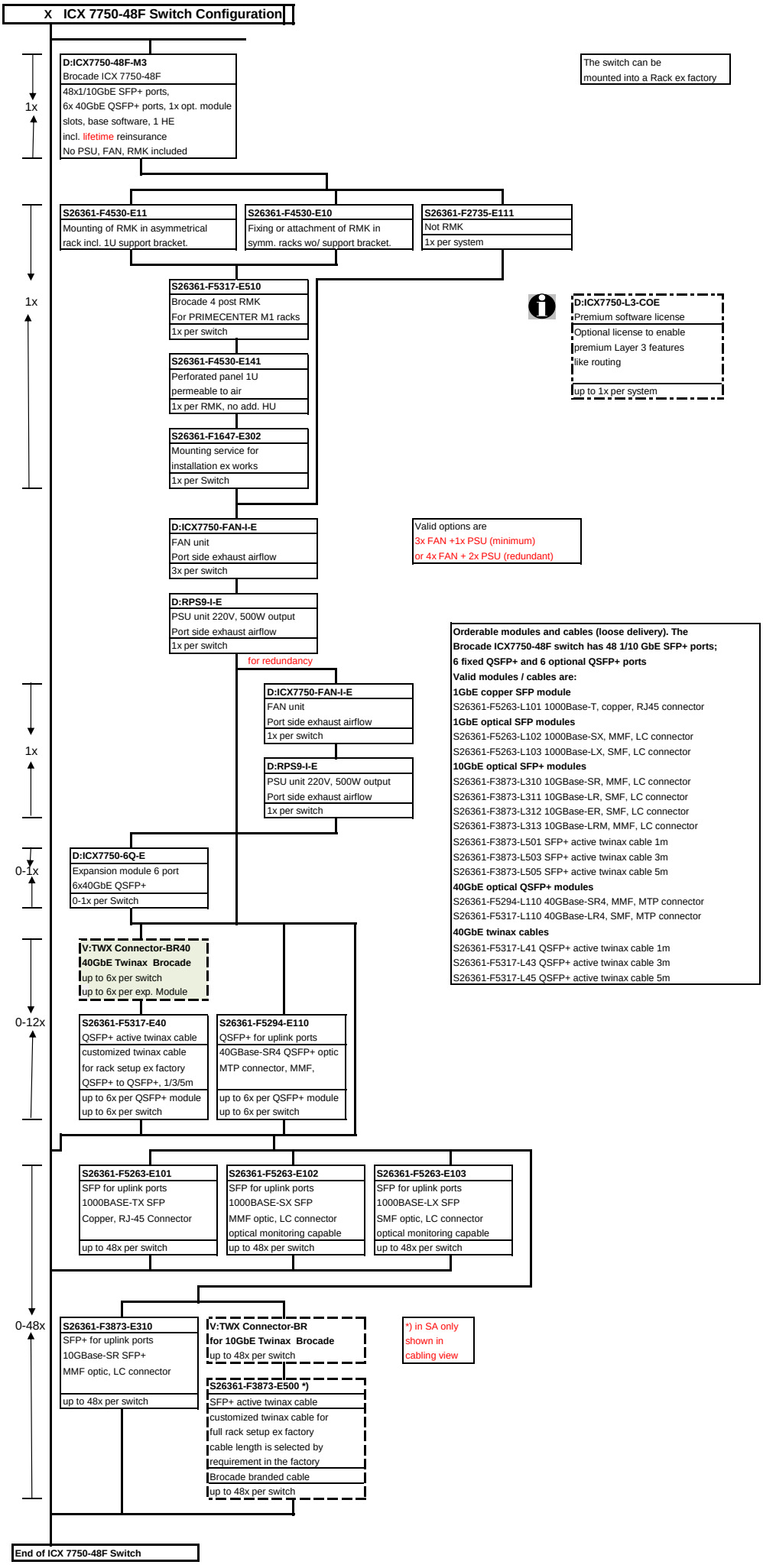
The Brocade ICX7450 switch has 24 RJ45 ports;
SFP/SFP+/QSFP modules for expansion modules are:
1GbE copper SFP module
S26361-F5263-L101 1000Base-T, copper, RJ45 connector
1GbE optical SFP modules
S26361-F5263-L102 1000Base-SX, MMF, LC connector
S26361-F5263-L103 1000Base-LX, SMF, LC connector
10GbE optical SFP+ modules
S26361-F3873-L310 10GBase-SR, MMF, LC connector
S26361-F3873-L311 10GBase-LR, SMF, LC connector
S26361-F3873-L312 10GBase-ER, SMF, LC connector
S26361-F3873-L313 10GBase-LRM, MMF, LC connector
10GbE twinax cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
S26361-F3873-L507 SFP+ active optical cable 7m
S26361-F3873-L510 SFP+ active optical cable 10m
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m


X ICX 7450-48 Switch Configuration
1x
S26361-K1572-V148
Brocade ICX 7450-48
48x1 GbE switch, copper (RJ45),
3x optional modul slots
Base software
incl. lifetime reinsurance
No PSU, FAN, RMK included
The switch can be mounted into a Rack ex factory
1x
S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.
S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.
S26361-F2735-E111
Not RMK
1x per system
D:XBR-R000296-E
Brocade 4 post RMK
For PRIMECENTER M1 racks
1x per switch
S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU
S26361-F1647-E302
Mounting service for installation ex works
1x per Switch
S26361-F5294-L740
Premium software license
Optional license to enable premium Layer 3 features like routing
up to 1x per system
1-2x
S26361-F5294-E20
PSU unit 220V, 250W output
Port side exhaust airflow
1-2x per switch
S26361-F5294-E749
FAN unit
Port side exhaust airflow
1-2x per switch
Expansion Module | Ports | Front | Rear (Slot A) | Rear (Slot B)
S26361-F5294-E/L748 | 4x100MbE/1GbE SFP | Uplink | No | No
S26361-F5294-E/L747 | 4x1/10GbE SFP+ | Uplink | Uplink | Uplink
S26361-F5294-E/L746 | 4x1/10GBase-T RJ45 | Uplink | Uplink | Uplink
S26361-F5294-E/L745 | 1x40GbE QSFP+ | Uplink | Uplink/Stacking | Uplink/Stacking
0-3x
S26361-F5294-E746
Expansion module 4 ports
4x1/10Gbase-T RJ45
up to 3x per Switch
S26361-F5294-E748
Expansion module 4 ports
4x100M/1GbE SFP
1x per Switch
S26361-F5294-E747
Expansion module 4 ports
4x1/10GbE SFP+
up to 3x per Switch
S26361-F5294-E745
Expansion module 1 port
1x40Gbase-T QSFP+
up to 3x per Switch
0-12x
S26361-F3417-E500 *)
Copper cable Cat5e
RJ45 connectors
customized length
up to 4x per module
*) in SA only shown in cabling view
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP
Copper, RJ-45 Connector
up to 4x per exp. module
S26361-F5263-E102
SFP for uplink ports
1000BASE-SX SFP
MMF optic, LC connector
optical monitoring capable
up to 4x per exp. module
S26361-F5263-E103
SFP for uplink ports
1000BASE-LX SFP
SMF optic, LC connector
optical monitoring capable
up to 4x per exp. module
0-12x
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+
MMF optic, LC connector
up to 4x per exp. module
V:TWX Connector-BR
for 10GbE Twinax Brocade
max. 4x per exp. Module
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory
Brocade branded cable
max. 4x per exp. Module
*) in SA only shown in cabling view
X3
X4



Orderable modules and cables (loose delivery).

The Brocade ICX7450 switch has 24 RJ45 ports;
SFP/SFP+/QSFP modules for expansion modules are:
1GbE copper SFP module
S26361-F5263-L101 1000Base-T, copper, RJ45 connector
1GbE optical SFP modules
S26361-F5263-L102 1000Base-SX, MMF, LC connector
S26361-F5263-L103 1000Base-LX, SMF, LC connector
10GbE optical SFP+ modules
S26361-F3873-L310 10GBase-SR, MMF, LC connector
S26361-F3873-L311 10GBase-LR, SMF, LC connector
S26361-F3873-L312 10GBase-ER, SMF, LC connector
S26361-F3873-L313 10GBase-LRM, MMF, LC connector
10GbE twinax cables
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
S26361-F3873-L507 SFP+ active optical cable 7m
S26361-F3873-L510 SFP+ active optical cable 10m
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m


X ICX 7750-48F Switch Configuration
D:ICX7750-48F-M3
Brocade ICX 7750-48F
48x1/10GbE SFP+ ports,
6x 40GbE QSFP+ ports, 1x opt. module slots, base software, 1 HE
incl. lifetime reinsurance
No PSU, FAN, RMK included
1x
The switch can be mounted into a Rack ex factory
S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.
S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.
S26361-F2735-E111
Not RMK
1x per system
1x
S26361-F5317-E510
Brocade 4 post RMK
For PRIMECENTER M1 racks
1x per switch
D:ICX7750-L3-COE
Premium software license
Optional license to enable premium Layer 3 features like routing
up to 1x per system
S26361-F4530-E141
Perforated panel 1U permeable to air
1x per RMK, no add. HU
S26361-F1647-E302
Mounting service for installation ex works
1x per Switch
D:ICX7750-FAN-I-E
FAN unit
Port side exhaust airflow
3x per switch
Valid options are
3x FAN +1x PSU (minimum)
or 4x FAN + 2x PSU (redundant)
D:RPS9-I-E
PSU unit 220V, 500W output
Port side exhaust airflow
1x per switch
for redundancy
D:ICX7750-FAN-I-E
FAN unit
Port side exhaust airflow
1x per switch
1x
D:RPS9-I-E
PSU unit 220V, 500W output
Port side exhaust airflow
1x per switch
Orderable modules and cables (loose delivery). The Brocade ICX7750-48F switch has 48 1/10 GbE SFP+ ports; 6 fixed QSFP+ and 6 optional QSFP+ ports
Valid modules / cables are:
1GbE copper SFP module
S26361-F5263-L101 1000Base-T, copper, RJ45 connector
1GbE optical SFP modules
S26361-F5263-L102 1000Base-SX, MMF, LC connector
S26361-F5263-L103 1000Base-LX, SMF, LC connector
10GbE optical SFP+ modules
S26361-F3873-L310 10GBase-SR, MMF, LC connector
S26361-F3873-L311 10GBase-LR, SMF, LC connector
S26361-F3873-L312 10GBase-ER, SMF, LC connector
S26361-F3873-L313 10GBase-LRM, MMF, LC connector
S26361-F3873-L501 SFP+ active twinax cable 1m
S26361-F3873-L503 SFP+ active twinax cable 3m
S26361-F3873-L505 SFP+ active twinax cable 5m
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
0-1x
D:ICX7750-6Q-E
Expansion module 6 port 6x40GbE QSFP+
0-1x per Switch
V:TWX Connector-BR40
40GbE Twinax Brocade
up to 6x per switch
up to 6x per exp. Module
0-12x
S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 6x per QSFP+ module
up to 6x per switch
S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic
MTP connector, MMF,
up to 6x per QSFP+ module
up to 6x per switch
S26361-F5263-E101
SFP for uplink ports
1000BASE-TX SFP
Copper, RJ-45 Connector
up to 48x per switch
S26361-F5263-E102
SFP for uplink ports
1000BASE-SX SFP
MMF optic, LC connector
optical monitoring capable
up to 48x per switch
S26361-F5263-E103
SFP for uplink ports
1000BASE-LX SFP
SMF optic, LC connector
optical monitoring capable
up to 48x per switch
0-48x
S26361-F3873-E310
SFP+ for uplink ports
10GBase-SR SFP+
MMF optic, LC connector
up to 48x per switch
V:TWX Connector-BR
for 10GbE Twinax Brocade
up to 48x per switch
*) in SA only shown in cabling view
S26361-F3873-E500 *)
SFP+ active twinax cable
customized twinax cable for full rack setup ex factory
cable length is selected by requirement in the factory
Brocade branded cable
up to 48x per switch
End of ICX 7750-48F Switch

X ICX 7750-48C Switch Configuration

D:ICX7750-48C-M3
Brocade ICX 7750-48C
48x10GBase-T, copper (RJ45),
6x 40GbE QSFP+ ports, 1x opt. module slots, base software, 1 HE
incl. lifetime reinsurance
No PSU, FAN, RMK included
1x

The switch can be mounted into a Rack ex factory

S26361-F4530-E11
Mounting of RMK in asymmetrical rack incl. 1U support bracket.

S26361-F4530-E10
Fixing or attachment of RMK in symm. racks wo/ support bracket.

S26361-F2735-E111
Not RMK
1x per system

S26361-F5317-E510
Brocade 4 post RMK
For PRIMECENTER M1 racks
1x per switch
1x

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU

S26361-F1647-E302
Mounting service for installation ex works
1x per Switch

D:ICX7750-L3-COE
Premium software license
Optional license to enable premium Layer 3 features like routing
up to 1x per system

D:ICX7750-FAN-I-E
FAN unit
Port side exhaust airflow
3-4x per switch

Valid options are
3x FAN +1x PSU (minimum)
or 4x FAN + 2x PSU (redundant)

D:RPS9-I-E
PSU unit 220V, 500W output
Port side exhaust airflow
1-2x per switch
1-2x

D:ICX7750-6Q-E
Expansion module 6 port 6x40GbE QSFP+
0-1x per Switch
0-1x

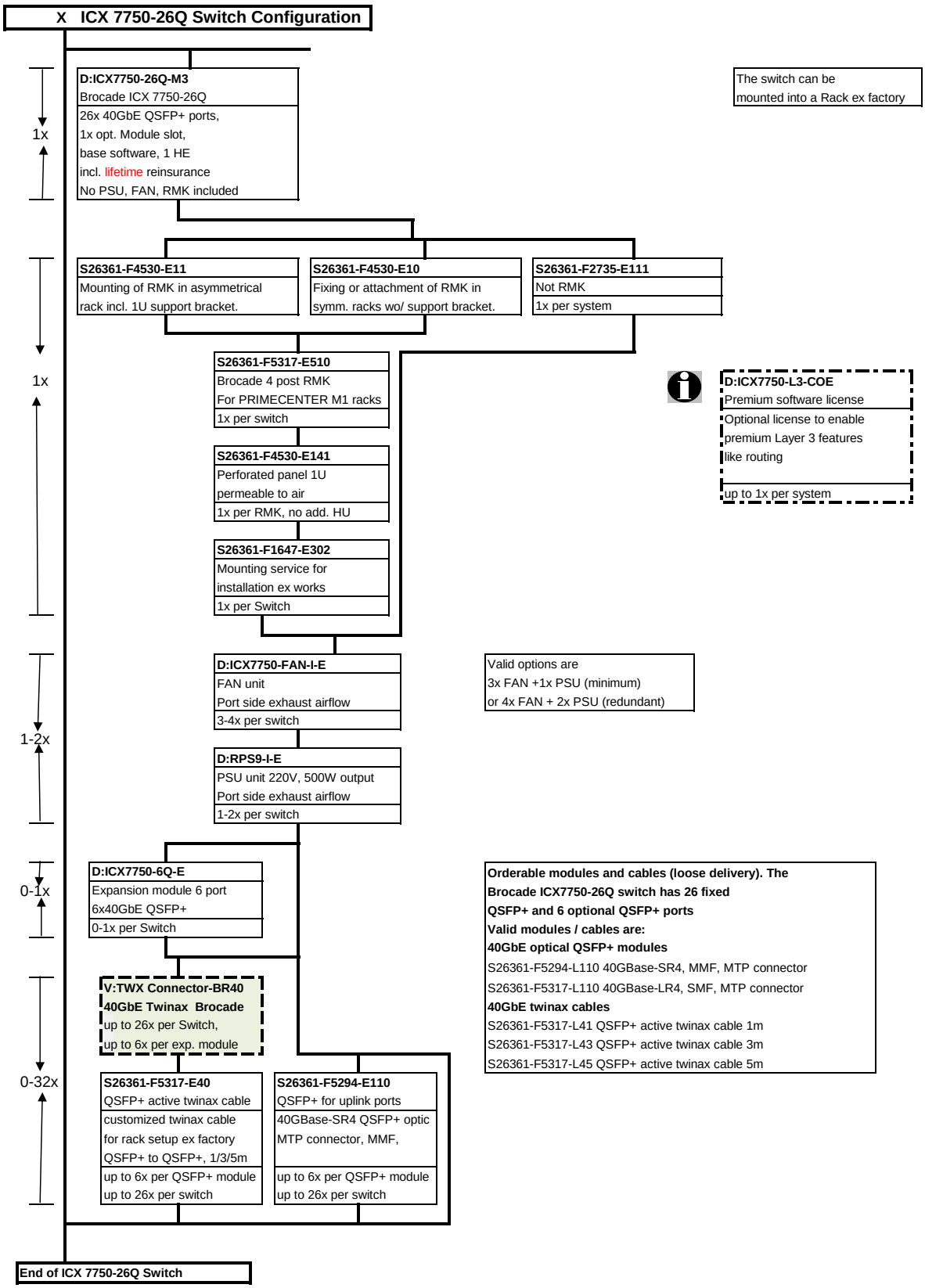
V:TWX Connector-BR40
40GbE Twinax Brocade
up to 6x per switch
up to 6x per exp. Module

S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 6x per QSFP+ module
up to 6x per switch

S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic MTP connector, MMF,
up to 6x per QSFP+ module
up to 6x per switch
0-12x

Orderable modules and cables (loose delivery). The Brocade ICX7750-48C switch has 48 RJ45 ports; 6 fixed QSFP+ and 6 optional QSFP+ ports
Valid modules / cables are:
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m

End of ICX 7750-48C Switch


X ICX 7750-26Q Switch Configuration
1x
D:ICX7750-26Q-M3
Brocade ICX 7750-26Q
26x 40GbE QSFP+ ports,
1x opt. Module slot,
base software, 1 HE
incl. lifetime reinsurance
No PSU, FAN, RMK included
The switch can be
mounted into a Rack ex factory
S26361-F4530-E11
Mounting of RMK in asymmetrical
rack incl. 1U support bracket.
S26361-F4530-E10
Fixing or attachment of RMK in
symm. racks wo/ support bracket.
S26361-F2735-E111
Not RMK
1x per system
1x
S26361-F5317-E510
Brocade 4 post RMK
For PRIMECENTER M1 racks
1x per switch
D:ICX7750-L3-COE
Premium software license
Optional license to enable
premium Layer 3 features
like routing
up to 1x per system
S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK, no add. HU
S26361-F1647-E302
Mounting service for
installation ex works
1x per Switch
D:ICX7750-FAN-I-E
FAN unit
Port side exhaust airflow
3-4x per switch
Valid options are
3x FAN +1x PSU (minimum)
or 4x FAN + 2x PSU (redundant)
1-2x
D:RPS9-I-E
PSU unit 220V, 500W output
Port side exhaust airflow
1-2x per switch
0-1x
D:ICX7750-6Q-E
Expansion module 6 port
6x40GbE QSFP+
0-1x per Switch
Orderable modules and cables (loose delivery). The
Brocade ICX7750-26Q switch has 26 fixed
QSFP+ and 6 optional QSFP+ ports
Valid modules / cables are:
40GbE optical QSFP+ modules
S26361-F5294-L110 40GBase-SR4, MMF, MTP connector
S26361-F5317-L110 40GBase-LR4, SMF, MTP connector
40GbE twinax cables
S26361-F5317-L41 QSFP+ active twinax cable 1m
S26361-F5317-L43 QSFP+ active twinax cable 3m
S26361-F5317-L45 QSFP+ active twinax cable 5m
V:TWX Connector-BR40
40GbE Twinax Brocade
up to 26x per Switch,
up to 6x per exp. module
0-32x
S26361-F5317-E40
QSFP+ active twinax cable
customized twinax cable
for rack setup ex factory
QSFP+ to QSFP+, 1/3/5m
up to 6x per QSFP+ module
up to 26x per switch
S26361-F5294-E110
QSFP+ for uplink ports
40GBase-SR4 QSFP+ optic
MTP connector, MMF,
up to 6x per QSFP+ module
up to 26x per switch
End of ICX 7750-26Q Switch

X Cisco Catalyst 3750-x Switch Configuration (24P)

1x

S26361-K1487-V100
Cisco Catalyst WS-3750X-24-T-S
24* 10/100/1000 Ethernet ports RJ45
with 1*350W AC power supply
IP Base feature set
(WS-C3750X-24T-S)

S26361-K1487-V200
Cisco Catalyst WS-3750X-24-T-E
24* 10/100/1000 Ethernet ports RJ45
with 1*350W AC power supply
IP Service feature set
(WS-3750X-24-T-E)

The switch can be mounted into a Rack ex factory

1x

S26361-F4530-E11
Bracket 1U in asymmetrical racks

S26361-F4530-E10
Mounting of RMK in symmetrical racks
(no support brackets needed)

for opt. Cisco 4P RMK
(C3KX-4PT-KIT)
only w. special release

V:S26361-F2735-E600
Universal Shelf-Plate
for up to two switches

S26361-F2735-E111
No RMK
1x per system

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK

S26361-F4530-E142
Mounting kit Cisco
incl. perforated panel, 1 HU
1x per Switch

The Universal Shelf Plate S26361-F2735-L600 can be used to mount up to two 1U or one 2U switch / switches into PRIMECENTER M1 racks.
To ensure proper cooling the switches should be mounted to the top-position of the rack

S26361-F5288-L501
Cisco Catalyst 3750-x 4P RMK
(C3KX-4PT-KIT)
1x per switch

S26361-F5288-L500
Cisco Catalyst 3750-x 2P RMK
- for 3rd party racks
(C3KX-ACC-KIT)
1x per system

D:FCSW-INPSR
Installation ex works for one switch.
Hereby the rack will be delivered completely pre-mounted and all wired connections are tested. With PCR M1 16U, 24U, 42U: Systems and components will be delivered installed in the rack.
To be ordered only together with a PRIMECENTER M1 rack cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System

PRIMERGY Classic 19" rack is not supported
Rack-mounting ex factory
This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks.
In case of the not-installed servers/ subsystems this service has to be ordered to get the mounting kits and the cables installed.

S26361-F5288-L100
Cisco SMARTnet
24x7x4 onsite, 1 year
for Catalyst 3750-X-24-T-S
(CON-OSP-3750X2TS)
up to 1x per system

S26361-F5288-L101
Cisco SMARTnet
8x5xNBD, 1 year
for Catalyst 3750-X-24-T-S
(CON-SNT-3750X2TS)
up to 1x per system

S26361-F5288-L102
Cisco SMARTnet
24x7x4, 1 year
for Catalyst 3750-X-24-T-S
(CON-SNTP-3750X2TS)
up to 1x per system

One SMARTnet service is mandatory per switch. This will be checked via rack-check.

S26361-F5288-L120
Cisco SMARTnet
24x7x4 onsite, 1 year
for Catalyst 3750-X-24-T-E
(CON-OSP-3750X2TE)
up to 1x per system

S26361-F5288-L121
Cisco SMARTnet
8x5xNBD, 1 year
for Catalyst 3750-X-24-T-E
(CON-SNT-3750X2TE)
up to 1x per system

S26361-F5288-L122
Cisco SMARTnet
24x7x4, 1 year
for Catalyst 3750-X-24-T-E
(CON-SNTP-3750X2TE)
up to 1x per system

S26361-F5288-L1
1G Network Module
Catalyst 3K-X 1G Network Module
4* 1GbE RJ45
(C3KX-NM-1G)
up to 1x per system

S26361-F5288-L2
10G Network Module
Catalyst 3K-X 10G Network Module with 2*10GbE SFP+ and 2* 1GbE regular SFP slots
(C3KX-NM-10G)
up to 1x per system

S26361-F5288-L3
10G-T Network Module
Catalyst 3K-X 10G-T Network Module
2* 10GB-T RJ45
(C3KX-NM-10GT)
up to 1x per system

S26361-F5288-L10
Cisco StackPower cable 30CM
To build up a PowerStack between Cisco Switches
Two ports per switch. 30cm.
(CAB-SPWR-30CM)
up to 2x per system

S26361-F5288-L11
Cisco StackPower cable 150CM
To build up a PowerStack between Cisco Switches
Two ports per switch. 150cm.
(CAB-SPWR-150CM)
up to 2x per system

S26361-F5288-L5
2nd power supply
350W AC power supply
1st power supply already included
(C3KX-PWR-350WAC)
up to 1x per system

S26361-F5288-L31
Conscole cable RJ45 / DB9
(CAB-CONSOLE-RJ45)
Console cable for initial configuration via serial port and terminal emulation
up to 1x per system

S26361-F5288-L20
Cisco StackWise cable, 50cm
for StackWise connection between 2 switches.
2 ports per switch. 50 cm.
(CAB-STACK-50CM-NH)
up to 2x per system

S26361-F5288-L21
Cisco StackWise cable, 1m
for StackWise connection between 2 switches.
2 ports per switch. 1m.
(CAB-STACK-1M-NH)
up to 2x per system

S26361-F5288-L22
Cisco StackWise cable, 3m
for StackWise connection between 2 switches.
2 ports per switch. 3m.
(CAB-STACK-3M-NH)
up to 2x per system

S26361-F5288-L30
Console cable USB
(CAB-Console-USB)
Console cable for initial configuration via USB port and terminal emulation
up to 1x per system

CIO:GLC-T
1000Base-T SFP
1000Base-T SFP, copper RJ45 connector
Requires 3K-X 10G module
(GLC-T)
up to 4x per system

CIO:GLCSXMM
1000Base-SX SFP
1000Base-SX SFP, optic LC connector, MMF
Requires 3K-X 10G module
(GLC-SX-MM)
up to 4x per system

CIO:GLXLHSM
1000Base-LX/LH SFP
1000Base-LX/LH SFP, copper LC/PC connector, MMF / SMF
Requires 3K-X 10G module
(GLC-LH-SM)
up to 4x per system

S26361-F4571-L203
10GBase-LRM SFP+
10GBase-LRM SFP+, optic LC connector, MMF / SMF
Requires 3K-X 10G module
(SFP-10G-LRM)
up to 2x per system

S26361-F4571-L201
10GBase-SR SFP+
10GBase-SR SFP+, optic LC connector, MMF
Requires 3K-X 10G module
(SFP-10G-SR)
up to 2x per system

The SFP / SFP+ modules and twinax cables require the 10G expansion module with SFP/ SFP+ slots.
The following combinations are supported:
(max 4*SFP@1GbE or 2*SFP+

10GbE SFP+	2	1	0
1 GbE SFP	0	2	4

S26361-F4571-L101
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU1M)
up to 2x per system

S26361-F4571-L103
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU3M)
up to 2/4x per system

S26361-F4571-L105
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU5M)
up to 2/4x per system

S26361-F4571-L202
10GBase-LR SFP+
10GBase-LR SFP+, optic LC connector, SMF
Requires 3K-X 10G module
(SFP-10G-LR)
up to 2x per system

End of PRIMECENTER M1 19-inch Rack

X Cisco Catalyst 3750-x Switch Configuration (48P)

1x

S26361-K1487-V110
Cisco Catalyst WS-3750X-48-T-S
48* 10/100/1000 Ethernet ports RJ45
with 1*350W AC power supply
IP Base feature set
(WS-C3750X-48T-S)

S26361-K1487-V210
Cisco Catalyst WS-3750X-48-T-E
48* 10/100/1000 Ethernet ports RJ45
with 1*350W AC power supply
IP Service feature set
(WS-3750X-48-T-E)

The switch can be mounted into a Rack ex factory

1x

S26361-F4530-E11
Bracket 1U in asymmetrical racks

S26361-F4530-E10
Mounting of RMK in symmetrical racks
(no support brackets needed)

for opt. Cisco 4P RMK
(C3KX-4PT-KIT)
only w. special release

V:S26361-F2735-E600
Universal Shelf-Plate
for up to two switches

The Universal Shelf Plate S26361-F2735-L600 can be used to mount up to two 1U or one 2U switch / switches into PRIMECENTER M1 racks.
To ensure proper cooling the switches should be mounted to the top-position of the rack

S26361-F2735-E111
No RMK
1x per system

S26361-F4530-E141
Perforated panel 1U
permeable to air
1x per RMK

S26361-F4530-E142
Mounting kit Cisco
incl. perforated panel, 1 HU
1x per Switch

S26361-F5288-L501
Cisco Catalyst 3750-x 4P RMK
(C3KX-4PT-KIT)
1x per switch

S26361-F5288-L500
Cisco Catalyst 3750-x 2P RMK
- for 3rd party racks
(C3KX-ACC-KIT)
1x per system

D:FCSW-INPSR
Installation ex works for one switch.
Hereby the rack will be delivered completely pre-mounted and all wired connections are tested. With PCR M1 16U, 24U, 42U: Systems and components will be delivered installed in the rack.
To be ordered only together with a PRIMECENTER M1 rack cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System

PRIMERGY Classic 19" rack is not supported
Rack-mounting ex factory
This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks.
In case of the not-installed servers/ subsystems this service has to be ordered to get the mounting kits and the cables installed.

S26361-F5288-L110
Cisco SMARTnet
24x7x4 onsite, 1 year
for Catalyst 3750-X-48-T-S
(CON-OSP-3750X4TS)
up to 1x per system

S26361-F5288-L111
Cisco SMARTnet
8x5xNBD, 1 year
for Catalyst 3750-X-48-T-S
(CON-SNT-3750X4TS)
up to 1x per system

S26361-F5288-L112
Cisco SMARTnet
24x7x4, 1 year
for Catalyst 3750-X-48-T-S
(CON-SNTP-3750X4TS)
up to 1x per system

One SMARTnet service is mandatory per switch. This will be checked via rack-check.

S26361-F5288-L130
Cisco SMARTnet
24x7x4 onsite, 1 year
for Catalyst 3750-X-48-T-E
(CON-OSP-3750X4TE)
up to 1x per system

S26361-F5288-L131
Cisco SMARTnet
8x5xNBD, 1 year
for Catalyst 3750-X-48-T-E
(CON-SNT-3750X4TE)
up to 1x per system

S26361-F5288-L132
Cisco SMARTnet
24x7x4, 1 year
for Catalyst 3750-X-48-T-E
(CON-SNTP-3750X4TE)
up to 1x per system

S26361-F5288-L1
1G Network Module
Catalyst 3K-X 1G Network Module
4* 1GbE RJ45
(C3KX-NM-1G)
up to 1x per system

S26361-F5288-L2
10G Network Module
Catalyst 3K-X 10G Network Module with 2*10GbE SFP+ and 2* 1GbE regular SFP slots
(C3KX-NM-10G)
up to 1x per system

S26361-F5288-L3
10G-T Network Module
Catalyst 3K-X 10G-T Network Module
2* 10GB-T RJ45
(C3KX-NM-10GT)
up to 1x per system

S26361-F5288-L10
Cisco StackPower cable 30CM
To build up a PowerStack between Cisco Switches
Two ports per switch. 30cm.
(CAB-SPWR-30CM)
up to 2x per system

S26361-F5288-L11
Cisco StackPower cable 150CM
To build up a PowerStack between Cisco Switches
Two ports per switch. 150cm.
(CAB-SPWR-150CM)
up to 2x per system

S26361-F5288-L5
2nd power supply
350W AC power supply
1st power supply already included
(C3KX-PWR-350WAC)
up to 1x per system

S26361-F5288-L31
Conscole cable RJ45 / DB9
(CAB-CONSOLE-RJ45)
Console cable for initial configuration via serial port and terminal emulation
up to 1x per system

S26361-F5288-L20
Cisco StackWise cable, 50cm
for StackWise connection between 2 switches.
2 ports per switch. 50 cm.
(CAB-STACK-50CM-NH)
up to 2x per system

S26361-F5288-L21
Cisco StackWise cable, 1m
for StackWise connection between 2 switches.
2 ports per switch. 1m.
(CAB-STACK-1M-NH)
up to 2x per system

S26361-F5288-L22
Cisco StackWise cable, 3m
for StackWise connection between 2 switches.
2 ports per switch. 3m.
(CAB-STACK-3M-NH)
up to 2x per system

S26361-F5288-L30
Console cable USB
(CAB-Console-USB)
Console cable for initial configuration via USB port and terminal emulation
up to 1x per system

CIO:GLC-T
1000Base-T SFP
1000Base-T SFP, copper RJ45 connector
Requires 3K-X 10G module
(GLC-T)
up to 4x per system

CIO:GLCSXMM
1000Base-SX SFP
1000Base-SX SFP, optic LC connector, MMF
Requires 3K-X 10G module
(GLC-SX-MM)
up to 4x per system

CIO:GLXLHSM
1000Base-LX/LH SFP
1000Base-LX/LH SFP, copper LC/PC connector, MMF / SMF
Requires 3K-X 10G module
(GLC-LH-SM)
up to 4x per system

S26361-F4571-L203
10GBase-LRM SFP+
10GBase-LRM SFP+, optic LC connector, MMF / SMF
Requires 3K-X 10G module
(SFP-10G-LRM)
up to 2x per system

S26361-F4571-L201
10GBase-SR SFP+
10GBase-SR SFP+, optic LC connector, MMF
Requires 3K-X 10G module
(SFP-10G-SR)
up to 2x per system

The SFP / SFP+ modules and twinax cables require the 10G expansion module with SFP/ SFP+ slots.
The following combinations are supported:
(max 4*SFP@1GbE or 2*SFP+

10GbE SFP+	2	1	0
1 GbE SFP	0	2	4

S26361-F4571-L101
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU1M)
up to 2x per system

S26361-F4571-L103
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU3M)
up to 2/4x per system

S26361-F4571-L105
10GBase-Twinax cable
10GBase-Twinax cable SFP+
Requires 3K-X 10G module
(SFP-H10GB-CU5M)
up to 2/4x per system

S26361-F4571-L202
10GBase-LR SFP+
10GBase-LR SFP+, optic LC connector, SMF
Requires 3K-X 10G module
(SFP-10G-LR)
up to 2x per system

End of PRIMECENTER M1 19-inch Rack

X Cisco Nexus 5548UP Switch Configuration (up to 48 Ports)

1x

S26361-K1489-V100
Cisco Nexus 5548UP
Nexus 5548 UP Chassis, 1HU
32 10GbE Ports, 2 Power Supplies,
Fans, 1 Expansion Slot
Front to Back Airflow, without SFPs
(N5K-C5548-UP-FA)

The switch can be mounted into a Rack ex factory

RMK included in base unit

1x

S26361-F2735-E111
No RMK
1x per system

S26361-F4530-E11
Bracket 1U in asymmetrical racks

S26361-F4530-E10
Mounting of RMK in symmetrical racks
(no support brackets needed)

S26361-F2735-E25
Cable carrying plate 1U with dust cover
installation horizontal and vertically possible

D:FCSW-INPSR
Installation ex works for one switch.
Hereby the rack will be delivered completely pre-mounted and all wired connections are tested. With PCR M1 16U, 24U, 42U: Systems and components will be delivered installed in the rack.
To be ordered only together with a PRIMECENTER M1 rack cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System

S26361-F2735-L25
In order to route cables into a rack from front to rear of the rack
also suitable for patch panels

PRIMERGY Classic 19" rack is not supported
"Rack-mounting ex factory"
This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks.
In case of the not-installed servers/ subsystems this service has to be ordered to get the mounting kits and the cables installed.

S26361-F5292-L10
N5548 FAN Unit
Cisco Nexus 5548UP FAN
Front to Back Airflow
(N5548P-FAN)
spare

S26361-F5292-L20
N5548 PSU Unit
Cisco Nexus 5548UP PSU
Front to Back Airflow
750W, 100-240V A/C
(N55-PAC-750W)
spare

S26361-F5292-L40
16P Unified Expansion Module
16 Port Unified Expansion Module. Requires free Slot
16* Unified SFP+ Ports
(N55-M16UP)
up to 1x per system

S26361-F5288-L31
Conscole cable RJ45 / DB9
Console cable for initial configuration via serial port and terminal emulation
(CAB-CONSOLE-RJ45)
up to 1x per system

S26361-F5293-L560
Nexus 5000 Base OS 6x
Nexus OS 6.x
(N5KUK9-602N1.2)
1x per switch

S26361-F5293-L551
Nexus 5000 Base OS 5x
Nexus OS 5.x
(N5KUK9-513N2.1C)
1x per switch

S26361-F5293-L248
Nexus 5548 FCoE NPV License
Nexus 5548 FCoE NPV License
(N5548-FNPV-SSK9)
1x per switch

S26361-F5293-L448
Nexus 5548 FabricPath License
Nexus 5548 FabricPath License
(N5548-EL2-SSK9)
1x per switch

S26361-F5293-L148
Nexus 5500 Storage License
Nexus 5500 Storage License
Enables 48 Ports
(N55-48P-SSK9)

S26361-F5293-L108
Nexus 5500 Storage License
Nexus 5500 Storage License
Enables 8 Ports
(N55-8P-SSK9)

S26361-F5292-L30
Cisco Accessory Kit N5548
Cisco Accessory Kit for Nexus 5548. (N5548-ACC-KIT)
spare

S26361-F5293-L300
Nexus 5500 VM-FEX license
Nexus 5500 FCoE NPV License
(N55-VMFEXK9-SSK9)
1x per switch

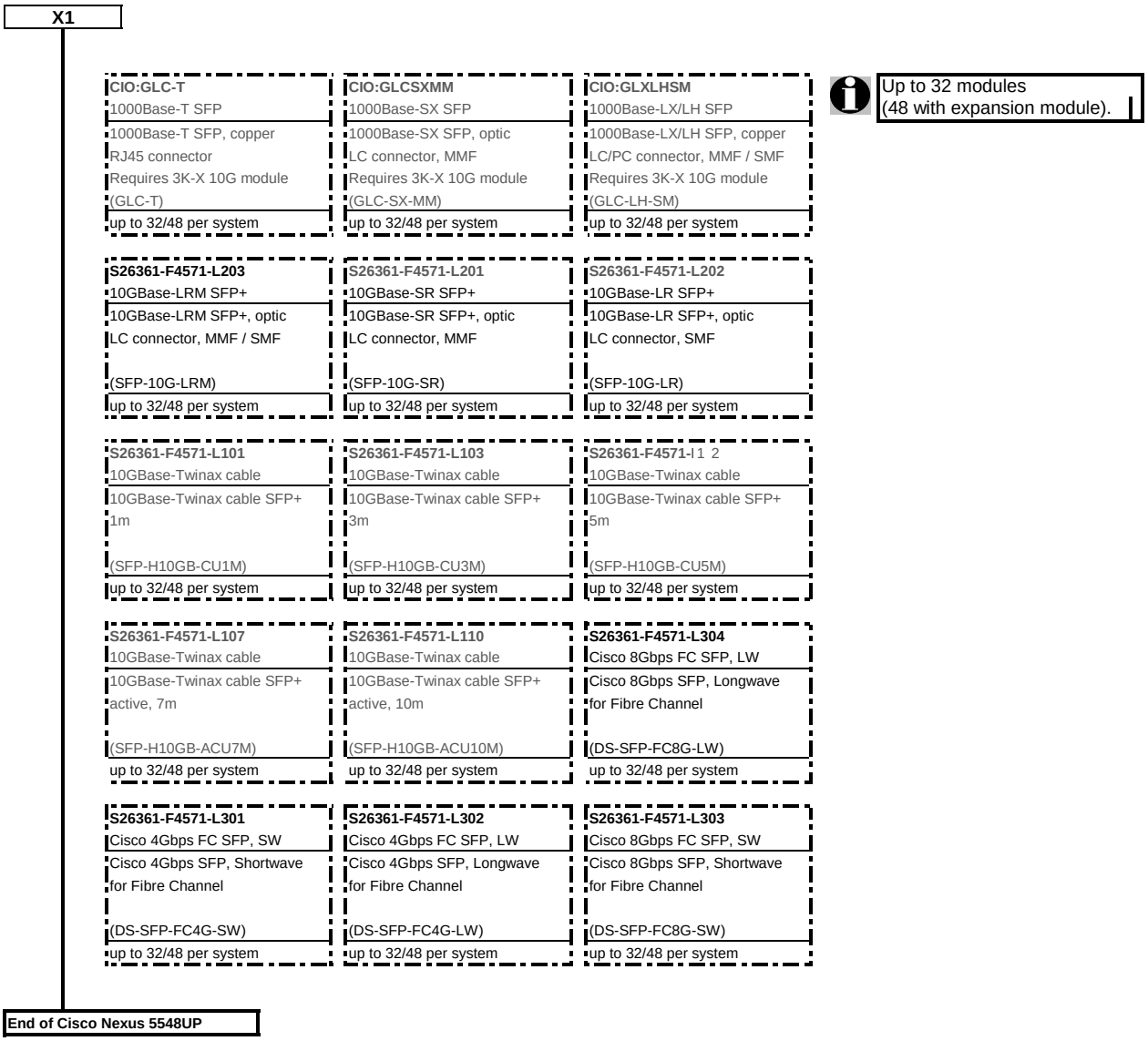
S26361-F5292-L200
Cisco SMARTnet
24x7x4 onsite, 1 year
for Nexus 5548UP
(CON-OSP-C5548UP)
up to 1x per system

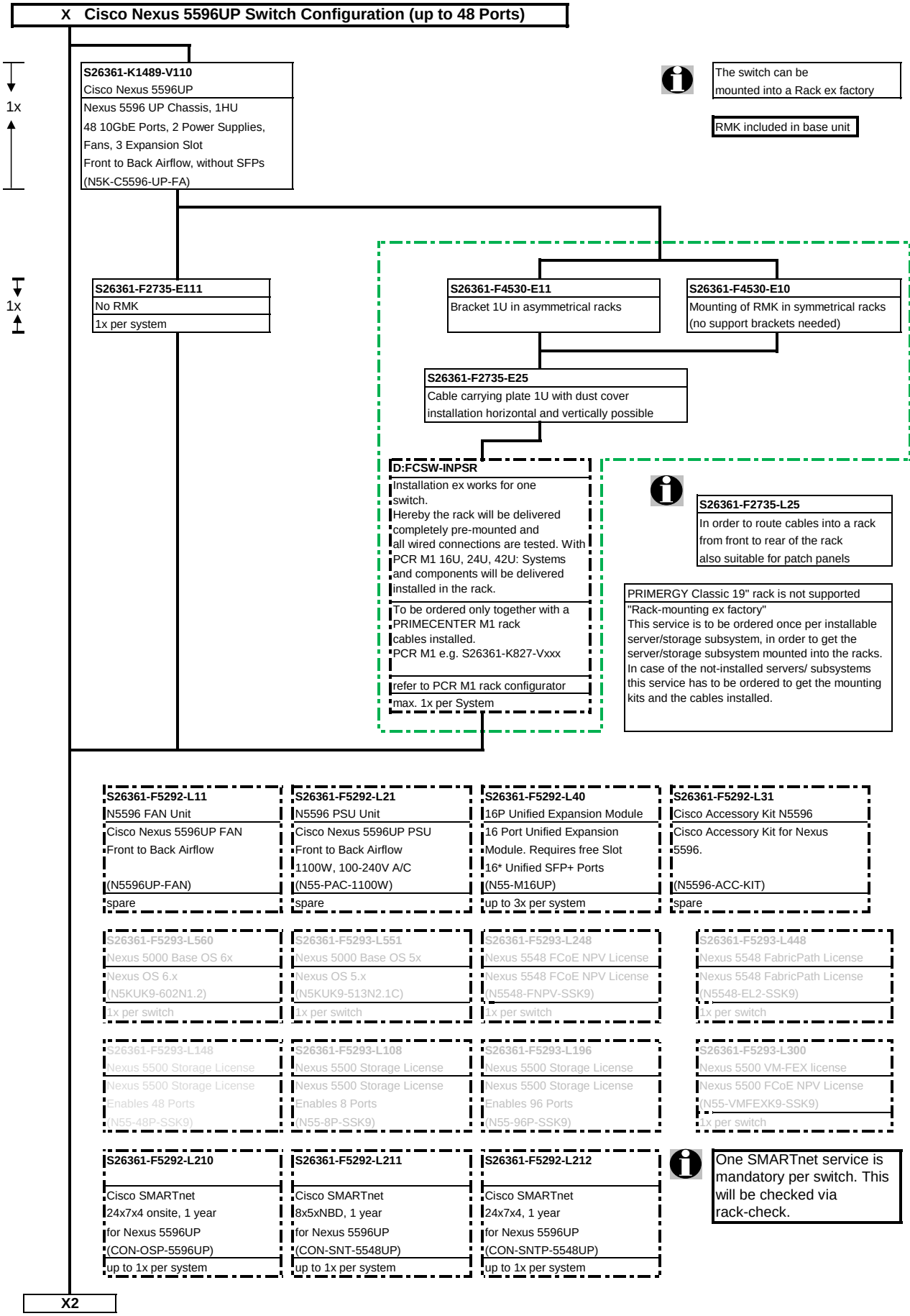
S26361-F5292-L201
Cisco SMARTnet
8x5xNBD, 1 year
for Nexus 5548UP
(CON-SNT-C5548UP)
up to 1x per system

S26361-F5292-L202
Cisco SMARTnet
24x7x4, 1 year
for Nexus 5548UP
(CON-SNTP-C5548UP)
up to 1x per system

One SMARTnet service is mandatory per switch. This will be checked via rack-check.

X1


X1
CIO:GLC-T
1000Base-T SFP
1000Base-T SFP, copper
RJ45 connector
Requires 3K-X 10G module
(GLC-T)
up to 32/48 per system
CIO:GLCSXMM
1000Base-SX SFP
1000Base-SX SFP, optic
LC connector, MMF
Requires 3K-X 10G module
(GLC-SX-MM)
up to 32/48 per system
CIO:GLXLHSM
1000Base-LX/LH SFP
1000Base-LX/LH SFP, copper
LC/PC connector, MMF / SMF
Requires 3K-X 10G module
(GLC-LH-SM)
up to 32/48 per system
Up to 32 modules
(48 with expansion module).
S26361-F4571-L203
10GBase-LRM SFP+
10GBase-LRM SFP+, optic
LC connector, MMF / SMF
(SFP-10G-LRM)
up to 32/48 per system
S26361-F4571-L201
10GBase-SR SFP+
10GBase-SR SFP+, optic
LC connector, MMF
(SFP-10G-SR)
up to 32/48 per system
S26361-F4571-L202
10GBase-LR SFP+
10GBase-LR SFP+, optic
LC connector, SMF
(SFP-10G-LR)
up to 32/48 per system
S26361-F4571-L101
10GBase-Twinax cable
10GBase-Twinax cable SFP+
1m
(SFP-H10GB-CU1M)
up to 32/48 per system
S26361-F4571-L103
10GBase-Twinax cable
10GBase-Twinax cable SFP+
3m
(SFP-H10GB-CU3M)
up to 32/48 per system
S26361-F4571-l1 2
10GBase-Twinax cable
10GBase-Twinax cable SFP+
5m
(SFP-H10GB-CU5M)
up to 32/48 per system
S26361-F4571-L107
10GBase-Twinax cable
10GBase-Twinax cable SFP+
active, 7m
(SFP-H10GB-ACU7M)
up to 32/48 per system
S26361-F4571-L110
10GBase-Twinax cable
10GBase-Twinax cable SFP+
active, 10m
(SFP-H10GB-ACU10M)
up to 32/48 per system
S26361-F4571-L304
Cisco 8Gbps FC SFP, LW
Cisco 8Gbps SFP, Longwave
for Fibre Channel
(DS-SFP-FC8G-LW)
up to 32/48 per system
S26361-F4571-L301
Cisco 4Gbps FC SFP, SW
Cisco 4Gbps SFP, Shortwave
for Fibre Channel
(DS-SFP-FC4G-SW)
up to 32/48 per system
S26361-F4571-L302
Cisco 4Gbps FC SFP, LW
Cisco 4Gbps SFP, Longwave
for Fibre Channel
(DS-SFP-FC4G-LW)
up to 32/48 per system
S26361-F4571-L303
Cisco 8Gbps FC SFP, SW
Cisco 8Gbps SFP, Shortwave
for Fibre Channel
(DS-SFP-FC8G-SW)
up to 32/48 per system
End of Cisco Nexus 5548UP


X Cisco Nexus 5596UP Switch Configuration (up to 48 Ports)
1x
S26361-K1489-V110
Cisco Nexus 5596UP
Nexus 5596 UP Chassis, 1HU
48 10GbE Ports, 2 Power Supplies, Fans, 3 Expansion Slot
Front to Back Airflow, without SFPs
(N5K-C5596-UP-FA)
The switch can be mounted into a Rack ex factory
RMK included in base unit
1x
S26361-F2735-E111
No RMK
1x per system
S26361-F4530-E11
Bracket 1U in asymmetrical racks
S26361-F4530-E10
Mounting of RMK in symmetrical racks (no support brackets needed)
S26361-F2735-E25
Cable carrying plate 1U with dust cover
installation horizontal and vertically possible
D:FCSW-INPSR
Installation ex works for one switch.
Hereby the rack will be delivered completely pre-mounted and all wired connections are tested. With PCR M1 16U, 24U, 42U: Systems and components will be delivered installed in the rack.
To be ordered only together with a PRIMECENTER M1 rack cables installed.
PCR M1 e.g. S26361-K827-Vxxx
refer to PCR M1 rack configurator
max. 1x per System
S26361-F2735-L25
In order to route cables into a rack from front to rear of the rack
also suitable for patch panels
PRIMERGY Classic 19" rack is not supported
"Rack-mounting ex factory"
This service is to be ordered once per installable server/storage subsystem, in order to get the server/storage subsystem mounted into the racks. In case of the not-installed servers/ subsystems this service has to be ordered to get the mounting kits and the cables installed.
S26361-F5292-L11
N5596 FAN Unit
Cisco Nexus 5596UP FAN
Front to Back Airflow
(N5596UP-FAN)
spare
S26361-F5292-L21
N5596 PSU Unit
Cisco Nexus 5596UP PSU
Front to Back Airflow
1100W, 100-240V A/C
(N55-PAC-1100W)
spare
S26361-F5292-L40
16P Unified Expansion Module
16 Port Unified Expansion Module. Requires free Slot
16* Unified SFP+ Ports
(N55-M16UP)
up to 3x per system
S26361-F5292-L31
Cisco Accessory Kit N5596
Cisco Accessory Kit for Nexus 5596.
(N5596-ACC-KIT)
spare
S26361-F5293-L560
Nexus 5000 Base OS 6x
Nexus OS 6.x
(N5KUK9-602N1.2)
1x per switch
S26361-F5293-L551
Nexus 5000 Base OS 5x
Nexus OS 5.x
(N5KUK9-513N2.1C)
1x per switch
S26361-F5293-L248
Nexus 5548 FCoE NPV License
Nexus 5548 FCoE NPV License
(N5548-FNPV-SSK9)
1x per switch
S26361-F5293-L448
Nexus 5548 FabricPath License
Nexus 5548 FabricPath License
(N5548-EL2-SSK9)
1x per switch
S26361-F5293-L148
Nexus 5500 Storage License
Nexus 5500 Storage License
Enables 48 Ports
(N55-48P-SSK9)
S26361-F5293-L108
Nexus 5500 Storage License
Nexus 5500 Storage License
Enables 8 Ports
(N55-8P-SSK9)
S26361-F5293-L196
Nexus 5500 Storage License
Nexus 5500 Storage License
Enables 96 Ports
(N55-96P-SSK9)
S26361-F5293-L300
Nexus 5500 VM-FEX license
Nexus 5500 FCoE NPV License
(N55-VMFEXK9-SSK9)
1x per switch
S26361-F5292-L210
Cisco SMARTnet
24x7x4 onsite, 1 year
for Nexus 5596UP
(CON-OSP-5596UP)
up to 1x per system
S26361-F5292-L211
Cisco SMARTnet
8x5xNBD, 1 year
for Nexus 5596UP
(CON-SNT-5548UP)
up to 1x per system
S26361-F5292-L212
Cisco SMARTnet
24x7x4, 1 year
for Nexus 5596UP
(CON-SNTP-5548UP)
up to 1x per system
One SMARTnet service is mandatory per switch. This will be checked via rack-check.
X2

X2

CIO:GLC-T 1000Base-T SFP 1000Base-T SFP, copper RJ45 connector Requires 3K-X 10G module (GLC-T) up to 48/64/80/96 per system	**CIO:GLCSXMM** 1000Base-SX SFP 1000Base-SX SFP, optic LC connector, MMF Requires 3K-X 10G module (GLC-SX-MM) up to 48/64/80/96 per system	**CIO:GLXLHSM** 1000Base-LX/LH SFP 1000Base-LX/LH SFP, copper LC/PC connector, MMF / SMF Requires 3K-X 10G module (GLC-LH-SM) up to 48/64/80/96 per system

Up to 32 modules
(48 with expansion module).

S26361-F4571-L203 10GBase-LRM SFP+ 10GBase-LRM SFP+, optic LC connector, MMF / SMF (SFP-10G-LRM) up to 48/64/80/96 per system	**S26361-F4571-L201** 10GBase-SR SFP+ 10GBase-SR SFP+, optic LC connector, MMF (SFP-10G-SR) up to 48/64/80/96 per system	**S26361-F4571-L202** 10GBase-LR SFP+ 10GBase-LR SFP+, optic LC connector, SMF (SFP-10G-LR) up to 48/64/80/96 per system	**S26361-F5288-L31** Conscole cable RJ45 / DB9 Console cable for initial configuration via serial port and terminal emulation (CAB-CONSOLE-RJ45) up to 1x per system

S26361-F4571-L101 10GBase-Twinax cable 10GBase-Twinax cable SFP+ 1m (SFP-H10GB-CU1M) up to 48/64/80/96 per system	**S26361-F4571-L103** 10GBase-Twinax cable 10GBase-Twinax cable SFP+ 3m (SFP-H10GB-CU3M) up to 48/64/80/96 per system	**S26361-F4571-**l1 2 10GBase-Twinax cable 10GBase-Twinax cable SFP+ 5m (SFP-H10GB-CU5M) up to 48/64/80/96 per system
S26361-F4571-L107 10GBase-Twinax cable 10GBase-Twinax cable SFP+ active, 7m (SFP-H10GB-ACU7M) up to 48/64/80/96 per system	**S26361-F4571-L110** 10GBase-Twinax cable 10GBase-Twinax cable SFP+ active, 10m (SFP-H10GB-ACU10M) up to 48/64/80/96 per system	**S26361-F4571-L304** Cisco 8Gbps FC SFP, LW Cisco 8Gbps SFP, Longwave for Fibre Channel (DS-SFP-FC8G-LW) up to 48/64/80/96 per system
S26361-F4571-L301 Cisco 4Gbps FC SFP, SW Cisco 4Gbps SFP, Shortwave for Fibre Channel (DS-SFP-FC4G-SW) up to 48/64/80/96 per system	**S26361-F4571-L302** Cisco 4Gbps FC SFP, LW Cisco 4Gbps SFP, Longwave for Fibre Channel (DS-SFP-FC4G-LW) up to 48/64/80/96 per system	**S26361-F4571-L303** Cisco 8Gbps FC SFP, SW Cisco 8Gbps SFP, Shortwave for Fibre Channel (DS-SFP-FC8G-SW) up to 48/64/80/96 per system

End of Cisco Nexus 5596UP

Information about Smart USV in the internet see:

https://partners.ts.fujitsu.com/com/products/servers/primergy/rackcomp/components/usv/Pages/default.aspx

general rack accessories

S26361-F4530-L250	**Brush Panel Kit (2pcs) PCR M1** for assembly in 42U PRIMECENTER M1 Racks at customer.
S26361-F4530-L260	**Brush Panel Kit (1pc) Rear Door PCR M1** for assembly in 42U PRIMECENTER M1 Racks at customer.
S26361-F4530-L210	**Tilting Protection Pull Out PCR M1** for assembly in PRIMECENTER M1 Racks at customer.
S26361-F4530-L225	**Rack Connection Kit** for joining of 2 PRIMECENTER M1 Racks at customer.
S26361-F4530-L6	**Earthing Kit Racks PCR M1** for assembly in PRIMECENTER M1 Racks at customer.
S26361-F4530-L131	**Dummy panel 1U plastics satin black** for assembly in 19" rack
S26361-F4530-L132	**Dummy panel 2U plastics satin black** for assembly in 19" rack
S26361-F2735-L10	**Support bracket for asymmetrical racks, max. load up to 15kg (servers up to 25kg)** for compensation of shifted post in asymmetrical PRIMECENTER racks
S26361-F2735-L15	**Support bracket for asymmetrical racks, max. load up to 35kg** for compensation of shifted post in asymmetrical PRIMECENTER racks
S26361-F2735-L31	**Support bracket for asymmetrical racks, max. load up to 50kg** for compensation of shifted post in asymmetrical PRIMECENTER racks
S26361-F2735-L150	**RMK-S Vario carrier w. L-shaped brackets** easy rack mounting for 19inch rack systems in PC racks, max. load 50 kg
S26361-F2735-L7	**Cable magmt. for 19" DC- PC- Rack** cable management for adding a server or storage subsystem from a 3rd party rack into the PRIMECENTER rack
S26361-F2735-L81	**1U cable arm for RMKs with cable management arm (CMA) adapter**
S26361-F2735-L8	**1U cable arm for RMKs without CMA adapter** cable arm for 1U PRIMERGY server, dragged for PRIMECENTER- and 3rd-party Detail: mounted 1U cable arm at the left sife of 19" profile open with Adobe Acrobat reader
S26361-F2201-L20	**2U cable arm for RMKs without cable management arm (CMA) adapter in PRIMECENTER M1 or 3rd party racks.**
S26361-F2735-L82	**2U cable arm for RMKs with cable management arm (CMA) adapter**
S26361-F2735-L320	**RMK-PDU 2U horizontal**
S26361-F2735-L330	**RMK-PDU 3U horizontal**
S26361-F1609-L35	**Add-on base plate, 680mm deep 1U** for assembly in 19" rack (1U), with support bracket, anthracite
S26361-F2735-L500	**cage nut set, M5, t=2,5mm** Content: 50 pieces orderable to boxes, server and racks
S26361-F2735-L510	**SCREW SET IO-BOX Rack Mounting** Content: M5X14-TORX screws, cage nuts, rosettes; each 16 pieces orderable to IO-boxes, switches and racks

Changereport

Date	Ordernumber	Changes
2015-11-23		Reinsurance model for Brocade ToR switches changed from 3y to "lifetime" reinsurance
2015-10-01		EOL for CFX2000
2015-09-08	S26361-K1560-V10/V20	Add new InfiniBand Switch Mellanox
2015-09-08	S26361-F5549-E561/L561/E563/L563	Add new InfiniBand cables
2015-07-22	S26361-F2262-E411	new one as substutite until End Q1/2016
2015-07-22	S26361-F2262-E41	deleted was canceled
2015-05-13		New Brocade Switches ICX 7450, 7750 and VDX6940 with new SPFs and cables removed C-Fab license for TAX3 (license not required any longer -> option)
2015-03-06	T26139-Y2691-C180	removed - not orderable any more
2015-03-06	SNP:KB-Y2607E180-P	removed - not orderable any more
2015-03-06	S26361-F4530-E100/L100	E100 replaced old shelf kit -F1609-E35/L35
2015-02-28	S26361-K1452-V100	Sheet VDX 6720 EOL - no longer available
2014-07-29	S26361-K1540-Vxxx	Introduction of Brocade VDX 6740 / 6740-T / 6740T-1G switches
2014-02-13	Brocade/CISCO-Switches	Added new LAN-Switches ICX64x0, ICX6610, C3750, 55xx and CFX2000
2014-01-20	S26361-F3986-E400	Added 10/40GbE Twinax cable customized for SBAX3
2013-01-31	S26361-F3873-E401/L401	added 1GbE SFP for VDX6720
2012-12-13	S26361-F2735-L320/-L330	added RMK-PDU 2U/3U horizontal
2012-12-01	10GbE Twinax Cabling	added sheet "Twinax cabling with virtual SFP+ modules
2012-10-10		VDX Switch config changed, -E number fo rSFP+ added, RMK no "MUST Order" option
2012-10-10	S26361-F2293-E411	EOL all content is marked to be delete
2012-08-23	S26361-F2735-L150	RMK with L-brackets for fix mounting of 19" systems
2012-08-01	S26361-K1452-V100	New Brocade 10GbE LAN-Switch VDX 6720
2012-03-30		PDU mounting rules
2012-01-10		Update Rack Accessories
2011-07-27		add section G with standard PDU
2011-07-19		Mounting of PDU's in 600mm PCR M1 Racks only horizontally with mounting kit
2011-07-01		First edition for PRIMECENTER M1 Racks